



## MLG-2

Flexible in use for length, width and height measurements

MEASURING AUTOMATION LIGHT GRIDS

**SICK**  
Sensor Intelligence.

### MLG-2



### Flexible in use for length, width and height measurements

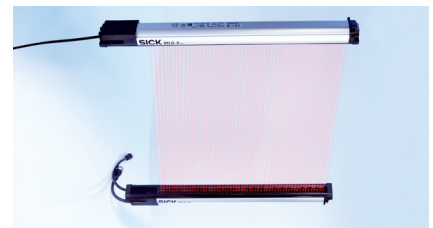
MLG-2 measuring automation light grids from SICK offer the right solution for a wide variety of applications in logistics and factory automation. The MLG-2 units are used to monitor the material flow in conveyor belts, in automated storage and retrieval systems, in order processing and many other areas. For example, the light grid simultaneously determines the maximum height and overhang when measuring pallets. The sensors are modular and enable customers to select between different detection heights and beam separations. A clear display ensures easy configuration and diagnostics. Optical synchronization eliminates the need for wiring between the sender and receiver. SICK also offers a wide range of different types and interfaces.



Display



FlexFix bracket



Optical synchronization



**The MLG-2 reliably determines the length, width and height of objects. A wide range of applications can be reliably solved thanks to the modular sensor design and the broad product portfolio.**

## MLG-2 Prime

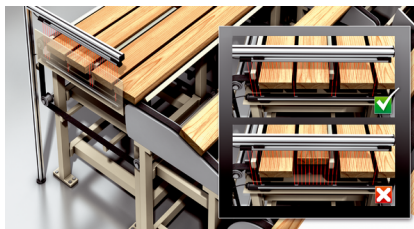


### MLG-2 Prime for standard applications

The MLG-2 Prime is suitable for all standard applications, including protrusion monitoring or object height and width measurement. Connection to the control is established via push-pull switching outputs or analog outputs. Data can be output directly via the IO-Link interface and the associated function blocks. The new "object re-detection" function saves time and resources. The MLG-2 Prime can be ordered in a pre-configured version.



Determining the position of the baggage cart in the robot cell



Switching from lengthwise to transverse transport



Protrusion monitoring of pallets



**The MLG-2 Prime solves your standard applications with high measurement accuracy and is quick and easy to configure.**

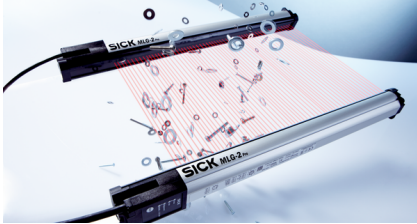
## MLG-2 Pro



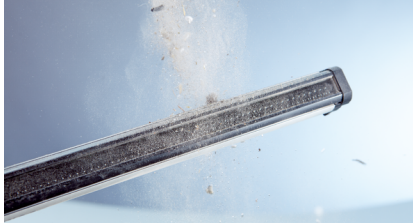
### MLG-2 Pro for demanding applications

The light grids of the MLG-2 Pro variant are used in demanding applications to detect transparent objects and at high object speeds. With functions such as "Transparent mode," "High-speed scan," or "High measurement accuracy," the MLG-2 Pro performs challenging measuring tasks with the utmost precision. The pre-installed solutions in the SOPAS configuration software

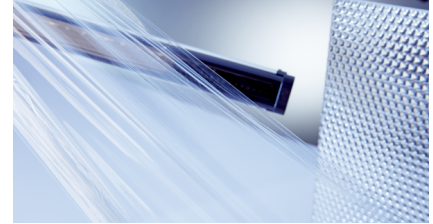
allow even complex applications to be configured with ease. The MLG-2 Pro uses conventional industrial interfaces so that even individualized solutions can be programmed via the control.



“High-speed scan” function offers short response times for safe detection at high object speeds.



The “Sun and dust” mode allows the MLG-2 to operate trouble-free, even in harsh environments.



“Transparent mode” function for reliably detecting and measuring transparent materials.



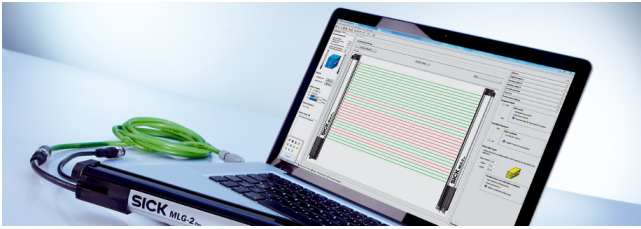
**The MLG-2 Pro masters even complex tasks in demanding environments. Resistant to ambient light as well as dust and thanks to various operating modes, the light grid is ideally equipped for your tasks.**

### MLG-2 ProNet



### MLG-2 ProNet: Easy integration

As the degree of automation of a plant or machine grows, so too does the amount of cabling required – and therefore also the work involved in planning, installation, commissioning, and maintenance. But not with the MLG-2 ProNet from SICK. It offers all the advantages of a measuring automation light grid and now features integrated interfaces such as PROFINET, EtherCAT®, EtherNet/IP™, CANopen and PROFIBUS. Thanks to corresponding function blocks, commissioning is quick and simple. Solutions are preinstalled in the SOPAS configuration software. This allows for even complex applications, such as object width measurement, to be configured with ease. It is also possible to change the format automatically via fieldbus.



Easy parameterization via SOPAS.

PROFINET<sup>®</sup> EtherCAT<sup>®</sup> EtherNet/IP<sup>™</sup>

CANopen<sup>®</sup> PROFINET<sup>®</sup>  
BUS

PROFINET, EtherCAT<sup>®</sup>, EtherNet/IP<sup>™</sup>, CANopen and PROFIBUS



**The MLG-2 ProNet is optimally equipped for your interface: Matching function blocks reduce the time and effort involved in the commissioning process.**



### Technical data overview

<b>Communication interface</b>	IO-Link (V1.1) Analog (current) Serial (RS-485) CANopen EtherCAT® PROFIBUS DP (DPV1) PROFIBUS DP (DPV0) EtherNet/IP™ PROFINET (depending on type)
<b>Switching output</b>	Push-pull: PNP/NPN
<b>Beam separation</b>	2.5 mm ... 50 mm (depending on type)
<b>Operating range</b>	5 m 8.5 m 2 m 1.5 m 3.75 m 6.3 m
<b>Detection height</b>	140 mm ... 3,140 mm (depending on type)
<b>Response time</b>	3.5 ms ... 53.6 ms (depending on type)

### Product description

With the MLG-2 measuring automation light grid, SICK is offering the right solution for a wide range of applications in logistics and factory automation. The MLG-2 Prime, MLG-2 Pro and MLG-2 ProNet device variants are used in challenging applications with transparent objects and high object speeds, to name a couple of examples. With a resolution of up to 1.25 mm, the new “cross beam measurement” function and the “transparent” mode, the MLG-2 masters measuring task with high precision. The pre-installed solutions in the SOPAS ET configuration software allow even complex applications, such as object width measurement, to be parameterized with ease. The MLG-2 Pro and MLG-2 ProNet feature common industrial interfaces such as the RS845 or Ethernet interfaces.

### At a glance

- Beam separation: 2.5 mm, 5 mm, 10 mm, 20 mm, 25 mm, 30 mm, 50 mm
- Operating range: 12 m
- Functions: Cross beam measurement, 4 x zone measurement, high-speed scan, transparent mode
- Interfaces: PNP, analog, RS485, IO-Link, PROFINET, PROFIBUS, EtherCAT®, EtherNet/IP™, CANopen
- Sun resistance mode with reliable switching threshold

### Your benefits

- High measurement accuracy for detecting even very small objects reliably
- Transparent mode function for reliably detecting and measuring transparent objects
- The high-speed scan offers short response times for safely detecting objects traveling at high speeds
- The SOPAS ET configuration software with menu-driven wizard for quick configuration
- Ambient light immunity enables greater reliability
- Integrated interfaces and matching function blocks reduce the time and effort involved in the commissioning process
- Simple maintenance without the need for specialist staff thanks to the cloning function with IO-Link

### Fields of application

- Packaging industry: Robot control and 3D measurement
- Logistics: Volume measurement
- Logistics: Package orientation
- Logistics: Height and overhand measurement in dynamic storage systems
- Machine tools: Measurement of workpieces and tools
- Transportation technology: Separating and qualifying
- Food and beverage industry: Bottle detection
- Machine tools: Measurement of web width

## Ordering information

Other models and accessories → [www.sick.com/MLG-2](http://www.sick.com/MLG-2)

- **Device version:** Prime - Standard functionality
- **Communication Interface detail:** IO-Link (V1.1), Analog (current)
- **Inputs/outputs:** 2 x analog + 1 x Q (IO-Link)
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.	
5 mm	5 m	145 mm	MLG05S-0145A10501	1213504	
			MLG05S-0145A10531	1110278	
		295 mm	MLG05S-0295A10501	1213707	
			MLG05S-0445A10501	1214141	
		445 mm	MLG05S-0595A10501	1214908	
			MLG05S-0745A10501	1213709	
		595 mm	MLG05S-0895A10501	1220482	
			MLG05S-1045A10501	1219796	
		745 mm	MLG05S-1195A10501	1215618	
			MLG05S-1495A10501	1219797	
		895 mm	MLG05S-1645A10513	1221758	
			MLG05S-1945A10501	1217560	
		1,045 mm	MLG05S-2095A10501	1217559	
			MLG05S-2395A10501	1215105	
		1,195 mm	MLG05S-2545A10501	1118951	
			8.5 m	445 mm	MLG05S-0445A10801
		MLG05S-0745A10801			1222339
	745 mm	MLG05S-0895A10802		1214002	
		MLG05S-1045A10819		1215219	
	1,495 mm	MLG05S-1495A10802		1219181	

Beam separation	Operating range	Detection height	Type	Part no.
10 mm	5 m	140 mm	MLG10S-0140A10501	1217487
		290 mm	MLG10S-0290A10501	1213541
		440 mm	MLG10S-0440A10501	1215217
			MLG10S-0440A10514	1108312
		590 mm	MLG10S-0590A10501	1216802
		740 mm	MLG10S-0740A10501	1213710
		890 mm	MLG10S-0890A10501	1214421
		1,040 mm	MLG10S-1040A10501	1213761
		1,190 mm	MLG10S-1190A10501	1215014
		1,490 mm	MLG10S-1490A10501	1217112
		1,640 mm	MLG10S-1640A10501	1219179
		1,790 mm	MLG10S-1790A10501	1217447
		2,090 mm	MLG10S-2090A10501	1217546
		2,390 mm	MLG10S-2390A10501	1117491
		2,540 mm	MLG10S-2540A10501	1214510
		3,140 mm	MLG10S-3140A10501	1215985
		8.5 m	440 mm	MLG10S-0440A10801
	590 mm		MLG10S-0590A10801	1220906



Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	140 mm	MLG20S-0140A10501	1217847
		280 mm	MLG20S-0280A10501	1217849
		580 mm	MLG20S-0580A10501	1217851
		740 mm	MLG20S-0740A10501	1219230
		1,180 mm	MLG20S-1180A10501	1217853
		1,480 mm	MLG20S-1480A10501	1111470
		1,640 mm	MLG20S-1640A10501	1219636
25 mm	5 m	2,080 mm	MLG20S-2080A10501	1217855
	5 m	275 mm	MLG25S-0275A10501	1214030
		425 mm	MLG25S-0425A10501	1216178
		575 mm	MLG25S-0575A10501	1213542
		725 mm	MLG25S-0725A10501	1216360
		875 mm	MLG25S-0875A10501	1215502
		1,025 mm	MLG25S-1025A10501	1214790
		1,175 mm	MLG25S-1175A10501	1217113
		1,325 mm	MLG25S-1325A10501	1214519
		1,625 mm	MLG25S-1625A10501	1215139
		1,775 mm	MLG25S-1775A10501	1214441
		2,225 mm	MLG25S-2225A10501	1214371

Beam separation	Operating range	Detection height	Type	Part no.
30 mm	5 m	270 mm	MLG30S-0270A10501	1217857
		570 mm	MLG30S-0570A10501	1217859
		870 mm	MLG30S-0870A10501	1221538
		1,020 mm	MLG30S-1020A10501	1115781
		1,170 mm	MLG30S-1170A10501	1217861
		1,320 mm	MLG30S-1320A10501	1113585
		1,620 mm	MLG30S-1620A10501	1220187
		1,770 mm	MLG30S-1770A10501	1221118
		1,920 mm	MLG30S-1920A10501	1221864
		2,070 mm	MLG30S-2070A10501	1217863
		2,220 mm	MLG30S-2220A10501	1221401
		2,370 mm	MLG30S-2370A10501	1220996
		2,970 mm	MLG30S-2970A10501	1223023
	8.5 m	720 mm	MLG30S-0720A10801	1116169
		1,170 mm	MLG30S-1170A10802	1223288
		1,920 mm	MLG30S-1920A10802	1221482
		2,220 mm	MLG30S-2220A10801	1218072

Beam separation	Operating range	Detection height	Type	Part no.
50 mm	5 m	550 mm	MLG50S-0550A10501	1215350
		700 mm	MLG50S-0700A10501	1215351
			MLG50S-0700A10503	1216498
		850 mm	MLG50S-0850A10501	1213976
		1,000 mm	MLG50S-1000A10501	1115782
		1,150 mm	MLG50S-1150A10501	1213479
		1,300 mm	MLG50S-1300A10501	1107771
		1,450 mm	MLG50S-1450A10501	1214419
		1,600 mm	MLG50S-1600A10501	1221983
		1,750 mm	MLG50S-1750A10501	1216406
		2,050 mm	MLG50S-2050A10501	1217079
		2,200 mm	MLG50S-2200A10501	1213508
		2,350 mm	MLG50S-2350A10501	1216018
		2,500 mm	MLG50S-2500A10501	1217363
		8.5 m	1,000 mm	MLG50S-1000A10801
	2,200 mm		MLG50S-2200A10801	1214456
	2,500 mm		MLG50S-2500A10801	1221039
	3,100 mm		MLG50S-3100A10801	1218954

- **Device version:** Prime - Standard functionality
- **Communication Interface detail:** IO-Link (V1.1)
- **Inputs/outputs:** 3 x Q (IO-Link)
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
5 mm	5 m	145 mm	MLG05S-0145D10501	1213494
			MLG05S-0145D10504	1215077
			MLG05S-0145D10517	1214632
		295 mm	MLG05S-0295D10501	1214505

Beam separation	Operating range	Detection height	Type	Part no.	
			MLG05S-0295D10504	1110386	
			MLG05S-0295D10519	1214693	
		445 mm	MLG05S-0445D10501	1214841	
			MLG05S-0445D10513	1214004	
		595 mm	MLG05S-0595D10501	1214821	
		745 mm	MLG05S-0745D10501	1213960	
			MLG05S-0745D10513	1214005	
		895 mm	MLG05S-0895D10501	1218971	
		1,045 mm	MLG05S-1045D10501	1219043	
		1,195 mm	MLG05S-1195D10501	1216388	
		1,345 mm	MLG05S-1345D10501	1218309	
		1,645 mm	MLG05S-1645D10501	1106561	
		1,795 mm	MLG05S-1795D10501	1216390	
		1,945 mm	MLG05S-1945D10501	1214578	
		2,095 mm	MLG05S-2095D10501	1216392	
		2,245 mm	MLG05S-2245D10501	1217610	
		2,395 mm	MLG05S-2395D10501	1218515	
		2,545 mm	MLG05S-2545D10501	1220312	
		8.5 m	145 mm	MLG05S-0145D10801	1222730
			445 mm	MLG05S-0445D10803	1214447

Beam separation	Operating range	Detection height	Type	Part no.	
10 mm	5 m	140 mm	MLG10S-0140D10501	1213750	
			MLG10S-0140D10532	1218439	
	5 m	140 mm	MLG10S-0140D10534	1117558	
			MLG10S-0290D10501	1213958	
		290 mm	MLG10S-0290D10532	1218440	
			440 mm	MLG10S-0440D10501	1214840
				MLG10S-0440D10503	1217973
				MLG10S-0440D10508	1217978
	10 mm	5 m	590 mm	MLG10S-0590D10501	1214635
				MLG10S-0590D10503	1216082
740 mm			MLG10S-0740D10501	1213539	
1,040 mm			MLG10S-1040D10501	1215257	
1,190 mm			MLG10S-1190D10501	1216387	

Beam separation	Operating range	Detection height	Type	Part no.	
		1,340 mm	MLG10S-1340D10501	1215227	
		1,490 mm	MLG10S-1490D10501	1214340	
		1,790 mm	MLG10S-1790D10501	1216389	
		1,940 mm	MLG10S-1940D10501	1217267	
			MLG10S-1940D10503	1217293	
		2,090 mm	MLG10S-2090D10501	1216391	
		2,240 mm	MLG10S-2240D10501	1214987	
			MLG10S-2240D10504	1217991	
		2,390 mm	MLG10S-2390D10501	1216394	
		2,540 mm	MLG10S-2540D10501	1219091	
			MLG10S-2540D10504	1217683	
		2,990 mm	MLG10S-2990D10501	1114614	
		3,140 mm	MLG10S-3140D10501	1219966	
		8.5 m	140 mm	MLG10S-0140D10801	1215599
			290 mm	MLG10S-0290D10801	1216301
	590 mm		MLG10S-0590D10801	1219711	
	890 mm		MLG10S-0890D10801	1217756	
	1,640 mm		MLG10S-1640D10801	1218190	
	2,090 mm		MLG10S-2090D10801	1219871	
	2,990 mm		MLG10S-2990D10803	1219363	

Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	140 mm	MLG20S-0140D10501	1217848
			MLG20S-0140D10523	1221075
			MLG20S-0140D10533	1221190
		280 mm	MLG20S-0280D10501	1217850
		440 mm	MLG20S-0440D10501	1221201
		580 mm	MLG20S-0580D10501	1217852
		880 mm	MLG20S-0880D10501	1115585
		1,040 mm	MLG20S-1040D10501	1222979
		1,180 mm	MLG20S-1180D10501	1217854
		1,640 mm	MLG20S-1640D10501	1219638
	2,080 mm	MLG20S-2080D10501	1217856	
	8.5 m	880 mm	MLG20S-0880D10801	1221596
		1,480 mm	MLG20S-1480D10803	1109374
1,780 mm		MLG20S-1780D10801	1220064	
2,240 mm		MLG20S-2240D10801	1222589	
25 mm	5 m	275 mm	MLG25S-0275D10501	1213513
			MLG25S-0275D10503	1214228
	5 m	275 mm	MLG25S-0275D10504	1215266
			MLG25S-0425D10501	1217966
			MLG25S-0425D10504	1215863
		MLG25S-0425D10532	1216157	
		575 mm	MLG25S-0575D10501	1216395
			MLG25S-0575D10503	1217264
25 mm	5 m	575 mm	MLG25S-0575D10504	1215864
			MLG25S-0575D10532	1216143

Beam separation	Operating range	Detection height	Type	Part no.	
		725 mm	MLG25S-0725D10501	1213503	
		875 mm	MLG25S-0875D10501	1218283	
		1,025 mm	MLG25S-1025D10501	1216250	
		1,175 mm	MLG25S-1175D10501	1215082	
		1,325 mm	MLG25S-1325D10501	1217118	
		1,475 mm	MLG25S-1475D10501	1218956	
		1,625 mm	MLG25S-1625D10501	1214983	
		1,775 mm	MLG25S-1775D10501	1214930	
			MLG25S-1775D10503	1214818	
		1,925 mm	MLG25S-1925D10501	1217117	
			MLG25S-1925D10504	1222947	
		2,075 mm	MLG25S-2075D10501	1214594	
		2,225 mm	MLG25S-2225D10501	1214368	
		2,375 mm	MLG25S-2375D10501	1216393	
			MLG25S-2375D10504	1214845	
		2,525 mm	MLG25S-2525D10501	1222522	
		3,125 mm	MLG25S-3125D10501	1213979	
		8.5 m	275 mm	MLG25S-0275D10801	1218972
			725 mm	MLG25S-0725D10801	1106063
			875 mm	MLG25S-0875D10801	1217757
	1,175 mm		MLG25S-1175D10801	1220997	
	1,475 mm		MLG25S-1475D10801	1219458	
	2,225 mm		MLG25S-2225D10801	1219647	



Beam separation	Operating range	Detection height	Type	Part no.
30 mm	5 m	270 mm	MLG30S-0270D10501	1217858
		420 mm	MLG30S-0420D10501	1221202
		570 mm	MLG30S-0570D10501	1217860
		720 mm	MLG30S-0720D10501	1110587
		1,170 mm	MLG30S-1170D10501	1217862
		1,320 mm	MLG30S-1320D10501	1119977
			MLG30S-1320D10503	1221373
		1,770 mm	MLG30S-1770D10534	1117948
		2,070 mm	MLG30S-2070D10501	1217864
		2,370 mm	MLG30S-2370D10501	1108357
		2,520 mm	MLG30S-2520D10501	1218849
		2,820 mm	MLG30S-2820D10501	1111061
		3,120 mm	MLG30S-3120D10503	1106768
		8.5 m	570 mm	MLG30S-0570D10801
	870 mm		MLG30S-0870D10801	1223133
	1,320 mm		MLG30S-1320D10801	1106104
	1,470 mm		MLG30S-1470D10801	1108955

Beam separation	Operating range	Detection height	Type	Part no.
50 mm	5 m	250 mm	MLG50S-0250D10501	1213711
		400 mm	MLG50S-0400D10501	1214752
			MLG50S-0400D10514	1110724
		550 mm	MLG50S-0550D10501	1213998
			MLG50S-0550D10517	1111458
		700 mm	MLG50S-0700D10501	1214599
			MLG50S-0700D10517	1111459
		850 mm	MLG50S-0850D10501	1214600
		1,000 mm	MLG50S-1000D10501	1216418
		1,150 mm	MLG50S-1150D10501	1216396
			MLG50S-1150D10503	1222324
			MLG50S-1150D10517	1111460
		1,300 mm	MLG50S-1300D10501	1217280
		1,450 mm	MLG50S-1450D10501	1216246
		5 m	1,450 mm	MLG50S-1450D10517
	1,600 mm		MLG50S-1600D10501	1216560
			MLG50S-1600D10504	1215931
	1,750 mm		MLG50S-1750D10501	1213540
			MLG50S-1750D10517	1221321
	50 mm	5 m	1,900 mm	MLG50S-1900D10501
MLG50S-1900D10502				1215538
MLG50S-1900D10503				1109561
MLG50S-1900D10504				1216830
MLG50S-1900D10517				1222424

Beam separation	Operating range	Detection height	Type	Part no.	
		2,050 mm	MLG50S-2050D10501	1214603	
			MLG50S-2050D10504	1216832	
			MLG50S-2050D10517	1111462	
		2,200 mm	MLG50S-2200D10501	1214268	
			MLG50S-2200D10503	1218520	
			MLG50S-2200D10517	1218747	
		2,350 mm	MLG50S-2350D10501	1217298	
			MLG50S-2350D10517	1218499	
		2,500 mm	MLG50S-2500D10501	1215423	
			MLG50S-2500D10504	1216705	
			MLG50S-2500D10517	1111463	
		2,650 mm	MLG50S-2650D10501	1215022	
		2,800 mm	MLG50S-2800D10517	1218656	
		2,950 mm	MLG50S-2950D10507	1118952	
		3,100 mm	MLG50S-3100D10501	1213510	
		8.5 m	550 mm	MLG50S-0550D10801	1219706
			1,000 mm	MLG50S-1000D10813	1214156
			2,050 mm	MLG50S-2050D10801	1214523
	2,200 mm		MLG50S-2200D10801	1214457	
	3,100 mm		MLG50S-3100D10801	1214045	

- **Device version:** Pro - Advanced functionality
- **Communication Interface detail:** IO-Link (V1.1), Analog (current)
- **Inputs/outputs:** 2 x analog + 2 x Q (IO-Link)
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	2 m	145 mm	MLG02A-0145B13201	1215595
		295 mm	MLG02A-0295B13201	1215594
		445 mm	MLG02A-0445B13201	1215370
		595 mm	MLG02A-0595B13201	1215371
		745 mm	MLG02A-0745B13201	1215892
		895 mm	MLG02A-0895B13201	1216686
		1,045 mm	MLG02A-1045B13201	1215893
		1,195 mm	MLG02A-1195B13201	1215894
5 mm	5 m	145 mm	MLG05A-0145B10501	1213492
			MLG05A-0145B10598	1219874
			MLG05A-0145B10599	1219875
		295 mm	MLG05A-0295B10501	1213905
5 mm	5 m	445 mm	MLG05A-0445B10501	1213899
		595 mm	MLG05A-0595B10501	1216091
		745 mm	MLG05A-0745B10501	1213438
		895 mm	MLG05A-0895B10501	1214044
		1,045 mm	MLG05A-1045B10501	1216608

Beam separation	Operating range	Detection height	Type	Part no.	
		1,195 mm	MLG05A-1195B10501	1217759	
		1,345 mm	MLG05A-1345B10501	1217761	
		1,495 mm	MLG05A-1495B10501	1213906	
		1,645 mm	MLG05A-1645B10501	1220897	
		1,795 mm	MLG05A-1795B10501	1215964	
		2,095 mm	MLG05A-2095B10501	1217101	
		2,395 mm	MLG05A-2395B10501	1215631	
		2,545 mm	MLG05A-2545B10501	1220000	
		8.5 m	145 mm	MLG05A-0145B10801	1215561
		295 mm	MLG05A-0295B10801	1215272	
		445 mm	MLG05A-0445B10801	1215273	
		595 mm	MLG05A-0595B10801	1213480	
		745 mm	MLG05A-0745B10801	1218807	
		895 mm	MLG05A-0895B10801	1213633	
	1,045 mm	MLG05A-1045B10801	1214072		
	1,795 mm	MLG05A-1795B10801	1219140		
	1,945 mm	MLG05A-1945B10801	1216987		
	2,245 mm	MLG05A-2245B10801	1218684		
	2,395 mm	MLG05A-2395B10801	1214819		
	2,545 mm	MLG05A-2545B10801	1216989		
10 mm	5 m	140 mm	MLG10A-0140B10501	1219387	
		290 mm	MLG10A-0290B10501	1221227	
		440 mm	MLG10A-0440B10501	1214330	
		590 mm	MLG10A-0590B10501	1219599	
		740 mm	MLG10A-0740B10501	1214937	

Beam separation	Operating range	Detection height	Type	Part no.	
		890 mm	MLG10A-0890B10501	1214420	
		1,040 mm	MLG10A-1040B10501	1214383	
		1,190 mm	MLG10A-1190B10501	1215041	
		1,340 mm	MLG10A-1340B10501	1216201	
		1,490 mm	MLG10A-1490B10501	1215587	
		1,640 mm	MLG10A-1640B10501	1215641	
		1,790 mm	MLG10A-1790B10501	1217448	
		1,940 mm	MLG10A-1940B10501	1214264	
		2,090 mm	MLG10A-2090B10501	1214370	
		2,240 mm	MLG10A-2240B10501	1112496	
		2,390 mm	MLG10A-2390B10501	1214662	
		2,540 mm	MLG10A-2540B10501	1106928	
		2,690 mm	MLG10A-2690B10501	1214369	
		3,140 mm	MLG10A-3140B10501	1214352	
		8.5 m	440 mm	MLG10A-0440B10801	1213909
			590 mm	MLG10A-0590B10801	1221696
				MLG10A-0590B10802	1213784
			740 mm	MLG10A-0740B10801	1221116
	890 mm		MLG10A-0890B10801	1222406	
	1,040 mm		MLG10A-1040B10801	1219293	

Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	140 mm	MLG20A-0140B10501	1217865
		280 mm	MLG20A-0280B10501	1217868
		580 mm	MLG20A-0580B10501	1217871
	5 m	1,480 mm	MLG20A-1480B10501	1220295
		1,640 mm	MLG20A-1640B10501	1110457
		1,780 mm	MLG20A-1780B10501	1107773
		1,940 mm	MLG20A-1940B10501	1218552
		2,080 mm	MLG20A-2080B10501	1217876
		2,240 mm	MLG20A-2240B10501	1218716
		2,380 mm	MLG20A-2380B10501	1220757
25 mm	5 m	425 mm	MLG25A-0425B10501	1214329
		575 mm	MLG25A-0575B10501	1214043
		725 mm	MLG25A-0725B10501	1221670
		875 mm	MLG25A-0875B10501	1219360
		1,175 mm	MLG25A-1175B10501	1216081
		1,325 mm	MLG25A-1325B10501	1216663
		1,475 mm	MLG25A-1475B10501	1216784
		1,625 mm	MLG25A-1625B10501	1215075
		1,775 mm	MLG25A-1775B10501	1217446
		1,925 mm	MLG25A-1925B10501	1214328
		2,825 mm	MLG25A-2825B10501	1214729

Beam separation	Operating range	Detection height	Type	Part no.
30 mm	5 m	270 mm	MLG30A-0270B10501	1217879
		570 mm	MLG30A-0570B10501	1217882
		1,170 mm	MLG30A-1170B10501	1217884
		1,320 mm	MLG30A-1320B10501	1221838
		1,920 mm	MLG30A-1920B10501	1222670
		2,070 mm	MLG30A-2070B10501	1217887
		2,520 mm	MLG30A-2520B10501	1219832
	8.5 m	420 mm	MLG30A-0420B10801	1109650



Beam separation	Operating range	Detection height	Type	Part no.	
50 mm	5 m	550 mm	MLG50A-0550B10501	1216417	
		700 mm	MLG50A-0700B10501	1217368	
		850 mm	MLG50A-0850B10501	1213974	
		1,000 mm	MLG50A-1000B10501	1218978	
		1,150 mm	MLG50A-1150B10501	1218979	
		1,300 mm	MLG50A-1300B10501	1218980	
		1,450 mm	MLG50A-1450B10501	1214418	
		1,600 mm	MLG50A-1600B10501	1105590	
			MLG50A-1600B10504	1216972	
		1,750 mm	MLG50A-1750B10501	1221595	
		2,050 mm	MLG50A-2050B10501	1218058	
		2,200 mm	MLG50A-2200B10501	1218059	
		2,500 mm	MLG50A-2500B10501	1216409	
		2,800 mm	MLG50A-2800B10501	1217367	
		3,100 mm	MLG50A-3100B10501	1220837	
		8.5 m	550 mm	MLG50A-0550B10801	1216576
			1,900 mm	MLG50A-1900B10801	1217269
	2,500 mm		MLG50A-2500B10801	1222671	

- **Device version:** Pro - Advanced functionality
- **Communication Interface detail:** IO-Link (V1.1), Analog (current)
- **Inputs/outputs:** 2 x analog + 2 x Q (IO-Link)
- **Option:** Protective housing IP69K

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	1.5 m	145 mm	MLG02A-0145B53201	1108455
5 mm	3.75 m	595 mm	MLG05A-0595B50501	1115102
		1,045 mm	MLG05A-1045B50501	1115785
20 mm	3.75 m	140 mm	MLG20A-0140B50501	1107786
		1,480 mm	MLG20A-1480B50501	1114576
50 mm	6.3 m	2,050 mm	MLG50A-2050B50801	1111545

- **Device version:** Pro - Advanced functionality
- **Communication Interface detail:** IO-Link (V1.1), Serial (RS-485)
- **Inputs/outputs:** RS-485 + 2 x Q (IO-Link)
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	2 m	145 mm	MLG02A-0145I13201	1215334
			MLG02A-0145I13250	1219499
		295 mm	MLG02A-0295I13201	1215876
			MLG02A-0295I13250	1218919
		445 mm	MLG02A-0445I13201	1215888
			MLG02A-0445I13250	1218923
		595 mm	MLG02A-0595I13201	1215887
			MLG02A-0595I13250	1218774
		745 mm	MLG02A-0745I13201	1215889
			MLG02A-0745I13250	1218813
		895 mm	MLG02A-0895I13201	1216135
			MLG02A-0895I13250	1218920
		1,045 mm	MLG02A-1045I13201	1215890
			MLG02A-1045I13250	1218921
		1,195 mm	MLG02A-1195I13201	1215891
			MLG02A-1195I13250	1218922

Beam separation	Operating range	Detection height	Type	Part no.
5 mm	5 m	145 mm	MLG05A-0145I10501	1213791
			MLG05A-0145I10598	1219872
			MLG05A-0145I10599	1219873
		295 mm	MLG05A-0295I10501	1213793
		445 mm	MLG05A-0445I10501	1213797
		595 mm	MLG05A-0595I10501	1213799
		745 mm	MLG05A-0745I10501	1213801
		895 mm	MLG05A-0895I10501	1213803
		1,045 mm	MLG05A-1045I10501	1213805
		1,345 mm	MLG05A-1345I10501	1213807
		1,495 mm	MLG05A-1495I10501	1214293
		1,645 mm	MLG05A-1645I10501	1213972
		1,795 mm	MLG05A-1795I10501	1215220
		1,945 mm	MLG05A-1945I10501	1216234
		2,095 mm	MLG05A-2095I10501	1220622
		5 mm	5 m	2,245 mm
2,395 mm	MLG05A-2395I10501			1213502
2,545 mm	MLG05A-2545I10501			1214803
8.5 m	145 mm		MLG05A-0145I10801	1215372
			MLG05A-0145I10850	1219500

Beam separation	Operating range	Detection height	Type	Part no.
		295 mm	MLG05A-0295110801	1215416
			MLG05A-0295110850	1218917
		445 mm	MLG05A-0445110801	1213908
			MLG05A-0445110850	1218776
		595 mm	MLG05A-0595110801	1216036
			MLG05A-0595110850	1218791
		745 mm	MLG05A-0745110801	1215632
			MLG05A-0745110850	1218775
		895 mm	MLG05A-0895110801	1215602
			MLG05A-0895110850	1218918
		1,045 mm	MLG05A-1045110801	1217254
			MLG05A-1045110850	1218792
		1,195 mm	MLG05A-1195110801	1215043
			MLG05A-1195110850	1218793
		1,345 mm	MLG05A-1345110801	1218006
			MLG05A-1345110850	1219259
		1,495 mm	MLG05A-1495110801	1215044
		1,795 mm	MLG05A-1795110801	1215045
		2,095 mm	MLG05A-2095110801	1215046
		2,545 mm	MLG05A-2545110801	1222242

Beam separation	Operating range	Detection height	Type	Part no.		
10 mm	5 m	140 mm	MLG10A-0140I10501	1213501		
		290 mm	MLG10A-0290I10501	1213811		
			MLG10A-0290I10550	1221334		
		440 mm	MLG10A-0440I10501	1213813		
			MLG10A-0440I10550	1221335		
		590 mm	MLG10A-0590I10501	1215040		
			MLG10A-0590I10550	1222879		
		740 mm	MLG10A-0740I10501	1213815		
			MLG10A-0740I10550	1221336		
		10 mm	5 m	890 mm	MLG10A-0890I10501	1217345
					MLG10A-0890I10550	1221337
				1,040 mm	MLG10A-1040I10501	1213817
1,190 mm	MLG10A-1190I10501			1215597		
1,340 mm	MLG10A-1340I10501			1213819		

Beam separation	Operating range	Detection height	Type	Part no.	
		1,490 mm	MLG10A-1490I10501	1214538	
			MLG10A-1490I10550	1222426	
		1,640 mm	MLG10A-1640I10501	1213821	
		1,790 mm	MLG10A-1790I10501	1115277	
		1,940 mm	MLG10A-1940I10501	1213823	
		2,240 mm	MLG10A-2240I10501	1215626	
		2,540 mm	MLG10A-2540I10501	1219808	
		2,690 mm	MLG10A-2690I10501	1106824	
		3,140 mm	MLG10A-3140I10501	1213514	
		8.5 m	290 mm	MLG10A-0290I10801	1105690
			440 mm	MLG10A-0440I10801	1217466
			590 mm	MLG10A-0590I10801	1216172
			1,190 mm	MLG10A-1190I10801	1219013
			1,340 mm	MLG10A-1340I10801	1218690
		1,490 mm	MLG10A-1490I10801	1216173	
		1,640 mm	MLG10A-1640I10801	1219101	
		1,940 mm	MLG10A-1940I10801	1218249	
			MLG10A-1940I10850	1223251	
		2,090 mm	MLG10A-2090I10801	1216483	
		2,240 mm	MLG10A-2240I10801	1217333	

Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	140 mm	MLG20A-0140I10501	1217867
		280 mm	MLG20A-0280I10501	1217870
		440 mm	MLG20A-0440I10501	1106723
		580 mm	MLG20A-0580I10501	1217873
		740 mm	MLG20A-0740I10501	1218344
		1,040 mm	MLG20A-1040I10501	1105963
		1,180 mm	MLG20A-1180I10501	1217875
		1,480 mm	MLG20A-1480I10501	1218952
		1,780 mm	MLG20A-1780I10501	1105964
		1,940 mm	MLG20A-1940I10501	1222485
		2,080 mm	MLG20A-2080I10501	1217878
		2,240 mm	MLG20A-2240I10501	1219234
		2,540 mm	MLG20A-2540I10501	1222837
		8.5 m	580 mm	MLG20A-0580I10801
	1,180 mm		MLG20A-1180I10801	1217981
	3,140 mm		MLG20A-3140I10801	1220652
	25 mm	5 m	275 mm	MLG25A-0275I10501
425 mm			MLG25A-0425I10501	1219055
25 mm	5 m	575 mm	MLG25A-0575I10501	1213723
		725 mm	MLG25A-0725I10501	1213868
		875 mm	MLG25A-0875I10501	1216532
		1,025 mm	MLG25A-1025I10501	1215172
		1,175 mm	MLG25A-1175I10501	1219231



Beam separation	Operating range	Detection height	Type	Part no.
		1,325 mm	MLG25A-1325I10501	1213825
		1,475 mm	MLG25A-1475I10501	1214954
		1,625 mm	MLG25A-1625I10501	1218832
		1,775 mm	MLG25A-1775I10501	1105965
		1,925 mm	MLG25A-1925I10501	1213827
		2,075 mm	MLG25A-2075I10501	1214337
		2,225 mm	MLG25A-2225I10501	1217332
		2,525 mm	MLG25A-2525I10501	1213829
		2,825 mm	MLG25A-2825I10501	1213831
		3,125 mm	MLG25A-3125I10501	1216330
	8.5 m	425 mm	MLG25A-0425I10801	1216526
		575 mm	MLG25A-0575I10801	1218468
		725 mm	MLG25A-0725I10801	1222225
		1,175 mm	MLG25A-1175I10801	1219320
		1,475 mm	MLG25A-1475I10801	1216664
		1,625 mm	MLG25A-1625I10801	1112037
		1,775 mm	MLG25A-1775I10801	1217570
		1,925 mm	MLG25A-1925I10801	1214385
		2,225 mm	MLG25A-2225I10801	1214879
		3,125 mm	MLG25A-3125I10801	1218744

Beam separation	Operating range	Detection height	Type	Part no.	
30 mm	5 m	270 mm	MLG30A-0270I10501	1217881	
		570 mm	MLG30A-0570I10501	1218070	
		720 mm	MLG30A-0720I10501	1221992	
		870 mm	MLG30A-0870I10501	1219409	
		1,020 mm	MLG30A-1020I10501	1219294	
		1,170 mm	MLG30A-1170I10501	1217886	
		1,470 mm	MLG30A-1470I10501	1219228	
		1,620 mm	MLG30A-1620I10501	1219868	
		1,770 mm	MLG30A-1770I10501	1219295	
		1,920 mm	MLG30A-1920I10501	1218801	
		2,070 mm	MLG30A-2070I10501	1217889	
		2,220 mm	MLG30A-2220I10501	1218802	
		2,520 mm	MLG30A-2520I10501	1115882	
		2,670 mm	MLG30A-2670I10501	1221603	
		2,820 mm	MLG30A-2820I10501	1108793	
		3,120 mm	MLG30A-3120I10501	1218800	
		8.5 m	1,170 mm	MLG30A-1170I10801	1222978
			3,120 mm	MLG30A-3120I10801	1219483

Beam separation	Operating range	Detection height	Type	Part no.
50 mm	5 m	550 mm	MLG50A-0550I10501	1217471
		700 mm	MLG50A-0700I10599	1115317
		1,000 mm	MLG50A-1000I10501	1217080
		1,150 mm	MLG50A-1150I10501	1217065
		1,450 mm	MLG50A-1450I10501	1111072
		1,600 mm	MLG50A-1600I10501	1216979
		1,900 mm	MLG50A-1900I10501	1214175
		2,050 mm	MLG50A-2050I10501	1119336
		2,200 mm	MLG50A-2200I10501	1218637
		2,350 mm	MLG50A-2350I10501	1217078
		2,500 mm	MLG50A-2500I10501	1216688
		2,950 mm	MLG50A-2950I10501	1221881
		8.5 m	1,150 mm	MLG50A-1150I10801
	1,450 mm		MLG50A-1450I10801	1216527
	1,600 mm		MLG50A-1600I10801	1114190
	1,750 mm		MLG50A-1750I10801	1217250
	1,900 mm		MLG50A-1900I10801	1215377
	2,050 mm		MLG50A-2050I10801	1114189

- **Device version:** Pro - Advanced functionality
- **Communication Interface detail:** IO-Link (V1.1), Serial (RS-485)
- **Inputs/outputs:** RS-485 + 2 x Q (IO-Link)
- **Option:** Protective housing IP69K

Beam separation	Operating range	Detection height	Type	Part no.
10 mm	3.75 m	140 mm	MLG10A-0140I50501	1108624
		590 mm	MLG10A-0590I50501	1108625
		890 mm	MLG10A-0890I50501	1108954
30 mm	3.75 m	1,020 mm	MLG30A-1020I50501	1108956

- **Device version:** Pro - Advanced functionality
- **Communication Interface detail:** IO-Link (V1.1)
- **Inputs/outputs:** 4 x Q (IO-Link)
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	2 m	145 mm	MLG02A-0145R13201	1215875
		295 mm	MLG02A-0295R13201	1215335
		445 mm	MLG02A-0445R13201	1215650
		595 mm	MLG02A-0595R13201	1215623
		745 mm	MLG02A-0745R13201	1215582
		895 mm	MLG02A-0895R13201	1215622
		1,045 mm	MLG02A-1045R13201	1218246
		1,195 mm	MLG02A-1195R13201	1217231
5 mm	5 m	145 mm	MLG02A-1195R13203	1222838
			MLG05A-0145R10501	1213792
			MLG05A-0145R10595	1219876
			MLG05A-0145R10596	1219877
			MLG05A-0145R10597	1219878
			MLG05A-0145R10598	1219879

Beam separation	Operating range	Detection height	Type	Part no.	
			MLG05A-0145R10599	1219880	
		295 mm	MLG05A-0295R10501	1213718	
			MLG05A-0295R10504	1213708	
		445 mm	MLG05A-0445R10501	1213798	
		595 mm	MLG05A-0595R10501	1213800	
		745 mm	MLG05A-0745R10501	1213802	
		895 mm	MLG05A-0895R10501	1213804	
		1,045 mm	MLG05A-1045R10501	1213806	
		1,195 mm	MLG05A-1195R10501	1216432	
		1,345 mm	MLG05A-1345R10501	1213808	
		1,645 mm	MLG05A-1645R10501	1222067	
		1,795 mm	MLG05A-1795R10501	1216434	
		1,945 mm	MLG05A-1945R10501	1214239	
		2,095 mm	MLG05A-2095R10501	1214109	
		2,395 mm	MLG05A-2395R10501	1214117	
		2,545 mm	MLG05A-2545R10501	1214026	
		8.5 m	145 mm	MLG05A-0145R10801	1214479
			295 mm	MLG05A-0295R10801	1219162
			445 mm	MLG05A-0445R10801	1214046
			595 mm	MLG05A-0595R10801	1222949
10 mm	5 m	140 mm	MLG10A-0140R10501	1213809	
		290 mm	MLG10A-0290R10501	1213812	
		440 mm	MLG10A-0440R10501	1213814	
			MLG10A-0440R10503	1223056	
10 mm	5 m	590 mm	MLG10A-0590R10501	1216430	

Beam separation	Operating range	Detection height	Type	Part no.	
		740 mm	MLG10A-0740R10501	1213816	
		890 mm	MLG10A-0890R10501	1214116	
		1,040 mm	MLG10A-0890R10507	1222981	
			MLG10A-1040R10501	1213818	
		1,040 mm	MLG10A-1040R10507	1222512	
			1,190 mm	MLG10A-1190R10501	1216431
		1,340 mm	MLG10A-1340R10501	1213820	
		1,490 mm	MLG10A-1490R10501	1214399	
		1,640 mm	MLG10A-1640R10501	1213822	
		1,790 mm	MLG10A-1790R10501	1216433	
		1,940 mm	MLG10A-1940R10501	1213824	
		2,090 mm	MLG10A-2090R10501	1216435	
		2,240 mm	MLG10A-2240R10501	1214986	
		2,390 mm	MLG10A-2390R10501	1214398	
		2,540 mm	MLG10A-2540R10501	1213920	
		2,840 mm	MLG10A-2840R10501	1109528	
		8.5 m	140 mm	MLG10A-0140R10801	1219287
			290 mm	MLG10A-0290R10801	1214016
			1,490 mm	MLG10A-1490R10801	1215396
			1,640 mm	MLG10A-1640R10801	1115618
	1,790 mm		MLG10A-1790R10807	1223137	
	2,090 mm		MLG10A-2090R10801	1219903	
	2,240 mm		MLG10A-2240R10801	1222153	
	3,140 mm		MLG10A-3140R10801	1112038	

Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	140 mm	MLG20A-0140R10501	1217866
			MLG20A-0140R10502	1107302
			MLG20A-0140R10595	1110289
		280 mm	MLG20A-0280R10501	1217869
		440 mm	MLG20A-0440R10501	1218735
		580 mm	MLG20A-0580R10501	1217872
			MLG20A-0580R10507	1114507
		740 mm	MLG20A-0740R10501	1221807
			MLG20A-0740R10507	1113087
		880 mm	MLG20A-0880R10501	1105741
		1,040 mm	MLG20A-1040R10501	1221609
		1,180 mm	MLG20A-1180R10501	1217874
			MLG20A-1180R10504	1220921
		20 mm	5 m	1,340 mm
MLG20A-1340R10504	1220920			
MLG20A-1340R10507	1116737			
1,480 mm	MLG20A-1480R10501			1218926
1,640 mm	MLG20A-1640R10501			1219792

Beam separation	Operating range	Detection height	Type	Part no.
		1,780 mm	MLG20A-1780R10501	1220069
		2,080 mm	MLG20A-2080R10501	1217877
		2,240 mm	MLG20A-2240R10501	1222614
		2,980 mm	MLG20A-2980R10501	1222754
		3,140 mm	MLG20A-3140R10501	1222755
	8.5 m	140 mm	MLG20A-0140R10801	1219855
		280 mm	MLG20A-0280R10801	1222127
		440 mm	MLG20A-0440R10801	1219629
		580 mm	MLG20A-0580R10801	1217777
		880 mm	MLG20A-0880R10807	1223169
		1,040 mm	MLG20A-1040R10807	1223170
		1,180 mm	MLG20A-1180R10801	1219794
			MLG20A-1180R10804	1220923
		1,340 mm	MLG20A-1340R10804	1220922
		1,480 mm	MLG20A-1480R10801	1218511
		1,780 mm	MLG20A-1780R10801	1220073
		1,940 mm	MLG20A-1940R10801	1116965
		2,240 mm	MLG20A-2240R10801	1219319
		2,380 mm	MLG20A-2380R10801	1106477
		3,140 mm	MLG20A-3140R10801	1116753
25 mm	5 m	275 mm	MLG25A-0275R10501	1214176
		425 mm	MLG25A-0425R10501	1215202
25 mm	5 m	575 mm	MLG25A-0575R10501	1213537
		725 mm	MLG25A-0725R10501	1214106
		875 mm	MLG25A-0875R10501	1216429



Beam separation	Operating range	Detection height	Type	Part no.	
		1,025 mm	MLG25A-1025R10501	1214378	
		1,175 mm	MLG25A-1175R10501	1217202	
		1,325 mm	MLG25A-1325R10501	1213826	
		1,475 mm	MLG25A-1475R10501	1216607	
		1,625 mm	MLG25A-1625R10501	1217561	
		1,775 mm	MLG25A-1775R10501	1214377	
		1,925 mm	MLG25A-1925R10501	1213828	
		2,075 mm	MLG25A-2075R10501	1214595	
		2,225 mm	MLG25A-2225R10501	1214985	
		2,375 mm	MLG25A-2375R10501	1216436	
		2,525 mm	MLG25A-2525R10501	1213830	
		2,825 mm	MLG25A-2825R10501	1213832	
		3,125 mm	MLG25A-3125R10501	1217667	
		8.5 m	725 mm	MLG25A-0725R10801	1214105
			875 mm	MLG25A-0875R10801	1215076
	1,025 mm		MLG25A-1025R10801	1213511	
	1,175 mm		MLG25A-1175R10801	1213538	
	1,325 mm		MLG25A-1325R10801	1112826	
	1,475 mm		MLG25A-1475R10801	1215397	
	1,775 mm		MLG25A-1775R10801	1218454	
	2,225 mm		MLG25A-2225R10801	1219648	
	2,975 mm		MLG25A-2975R10801	1217404	

Beam separation	Operating range	Detection height	Type	Part no.		
30 mm	5 m	270 mm	MLG30A-0270R10501	1217880		
		420 mm	MLG30A-0420R10501	1115006		
		570 mm	MLG30A-0570R10501	1217883		
			MLG30A-0570R10507	1221016		
		720 mm	MLG30A-0720R10501	1220804		
			MLG30A-0720R10507	1221017		
		870 mm	MLG30A-0870R10501	1220246		
			MLG30A-0870R10507	1221018		
		30 mm	5 m	1,020 mm	MLG30A-1020R10501	1218496
					MLG30A-1020R10507	1221019
1,170 mm	MLG30A-1170R10501			1217885		
1,320 mm	MLG30A-1320R10501			1221891		
	MLG30A-1320R10507			1108953		

Beam separation	Operating range	Detection height	Type	Part no.	
		1,470 mm	MLG30A-1470R10501	1220918	
		1,620 mm	MLG30A-1620R10501	1221888	
		1,770 mm	MLG30A-1770R10501	1218495	
			MLG30A-1770R10507	1221020	
		1,920 mm	MLG30A-1920R10501	1221889	
		2,070 mm	MLG30A-2070R10501	1217888	
		2,220 mm	MLG30A-2220R10501	1221886	
		2,370 mm	MLG30A-2370R10501	1221890	
		2,520 mm	MLG30A-2520R10501	1220418	
		2,670 mm	MLG30A-2670R10501	1220711	
		2,820 mm	MLG30A-2820R10501	1114225	
		3,120 mm	MLG30A-3120R10501	1221887	
		8.5 m	270 mm	MLG30A-0270R10801	1219837
			420 mm	MLG30A-0420R10801	1221996
			570 mm	MLG30A-0570R10801	1222121
	870 mm		MLG30A-0870R10801	1221938	
	1,020 mm		MLG30A-1020R10801	1219198	
	1,470 mm		MLG30A-1470R10801	1218761	
	2,070 mm		MLG30A-2070R10801	1219626	
			3,120 mm	MLG30A-3120R10801	1111762

Beam separation	Operating range	Detection height	Type	Part no.
50 mm	5 m	250 mm	MLG50A-0250R10501	1213512
		400 mm	MLG50A-0400R10501	1216743
		550 mm	MLG50A-0550R10501	1216426
		700 mm	MLG50A-0700R10501	1214407
		850 mm	MLG50A-0850R10501	1216402
		1,000 mm	MLG50A-1000R10501	1215620
	5 m	1,000 mm	MLG50A-1000R10506	1110547
			MLG50A-1000R10595	1110657
		1,150 mm	MLG50A-1150R10501	1214341
		1,300 mm	MLG50A-1300R10501	1218345
		1,450 mm	MLG50A-1450R10501	1216427
			MLG50A-1450R10506	1110548
			MLG50A-1450R10595	1110658
		1,600 mm	MLG50A-1600R10501	1217159
			MLG50A-1600R10595	1117953
		1,750 mm	MLG50A-1750R10501	1216428
			MLG50A-1750R10506	1110546
			MLG50A-1750R10595	1110656
50 mm	5 m	1,900 mm	MLG50A-1900R10501	1215984
		2,050 mm	MLG50A-2050R10501	1216953
			MLG50A-2050R10503	1217468
			MLG50A-2050R10506	1110549
			MLG50A-2050R10595	1110659

Beam separation	Operating range	Detection height	Type	Part no.	
		2,200 mm	MLG50A-2200R10501	1214275	
		2,350 mm	MLG50A-2350R10501	1223301	
		2,500 mm	MLG50A-2500R10501	1215422	
		2,650 mm	MLG50A-2650R10501	1216484	
			MLG50A-2650R10503	1217469	
		2,800 mm	MLG50A-2800R10501	1117881	
		2,950 mm	MLG50A-2950R10501	1119773	
		3,100 mm	MLG50A-3100R10501	1217668	
		8.5 m	550 mm	MLG50A-0550R10801	1222222
			1,000 mm	MLG50A-1000R10801	1219199
			1,150 mm	MLG50A-1150R10801	1215895
			1,300 mm	MLG50A-1300R10801	1213969
	1,450 mm		MLG50A-1450R10801	1213970	
	1,600 mm		MLG50A-1600R10801	1214031	
	1,750 mm		MLG50A-1750R10801	1214032	
	1,900 mm		MLG50A-1900R10801	1214018	
	2,050 mm	MLG50A-2050R10801	1106995		
	2,200 mm	MLG50A-2200R10801	1214019		
	2,350 mm	MLG50A-2350R10801	1214020		
	3,100 mm	MLG50A-3100R10801	1222310		

- **Device version:** Pro - Advanced functionality
- **Communication Interface detail:** IO-Link (V1.1)
- **Inputs/outputs:** 4 x Q (IO-Link)
- **Option:** Protective housing IP69K

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	1.5 m	145 mm	MLG02A-0145R53201	1109681
		295 mm	MLG02A-0295R53201	1109682
5 mm	3.75 m	145 mm	MLG05A-0145R50501	1116030
		295 mm	MLG05A-0295R50501	1116031
30 mm	3.75 m	420 mm	MLG30A-0420R50501	1110459
		570 mm	MLG30A-0570R50501	1110405
	6.3 m	420 mm	MLG30A-0420R50801	1110460
		570 mm	MLG30A-0570R50801	1110461

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** CANopen
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	2 m	145 mm	MLG02N-0145C13201	1217824
		295 mm	MLG02N-0295C13201	1217825
		445 mm	MLG02N-0445C13201	1106825
		745 mm	MLG02N-0745C13201	1118233
		895 mm	MLG02N-0895C13201	1217826
5 mm	5 m	145 mm	MLG05N-0145C10501	1217251
		295 mm	MLG05N-0295C10501	1217827
		745 mm	MLG05N-0745C10501	1217082
		895 mm	MLG05N-0895C10501	1217828
		1,945 mm	MLG05N-1945C10501	1217829
	8.5 m	1,795 mm	MLG05N-1795C10801	1114925

Beam separation	Operating range	Detection height	Type	Part no.
10 mm	5 m	140 mm	MLG10N-0140C10501	1217053
		290 mm	MLG10N-0290C10501	1217833
		590 mm	MLG10N-0590C10501	1117081
		890 mm	MLG10N-0890C10501	1217834
		1,040 mm	MLG10N-1040C10501	1117014
	5 m	1,940 mm	MLG10N-1940C10501	1217835
		2,090 mm	MLG10N-2090C10501	1221358
		2,990 mm	MLG10N-2990C10501	1117082
		3,140 mm	MLG10N-3140C10501	1218513
	20 mm	5 m	140 mm	MLG20N-0140C10501
280 mm			MLG20N-0280C10501	1217843
440 mm			MLG20N-0440C10501	1107618
580 mm			MLG20N-0580C10501	1217844
740 mm			MLG20N-0740C10501	1220840
880 mm			MLG20N-0880C10501	1220913
1,040 mm			MLG20N-1040C10501	1217782
1,180 mm			MLG20N-1180C10501	1217845
1,940 mm			MLG20N-1940C10501	1217783
2,080 mm			MLG20N-2080C10501	1217846
25 mm	5 m	425 mm	MLG25N-0425C10501	1116782
		2,525 mm	MLG25N-2525C10501	1219026
30 mm	5 m	270 mm	MLG30N-0270C10501	1217918
		570 mm	MLG30N-0570C10501	1217919
		1,170 mm	MLG30N-1170C10501	1217920
		2,070 mm	MLG30N-2070C10501	1217921

Beam separation	Operating range	Detection height	Type	Part no.
50 mm	5 m	700 mm	MLG50N-0700C10501	1107772
		1,000 mm	MLG50N-1000C10501	1218751
		1,600 mm	MLG50N-1600C10501	1112617
		2,500 mm	MLG50N-2500C10501	1222745
		3,100 mm	MLG50N-3100C10501	1222959

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** EtherCAT®
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	2 m	145 mm	MLG02N-0145E13201	1216796
		295 mm	MLG02N-0295E13201	1217801
		445 mm	MLG02N-0445E13201	1217518
		595 mm	MLG02N-0595E13201	1222099
		745 mm	MLG02N-0745E13201	1222087
		895 mm	MLG02N-0895E13201	1217266
		1,045 mm	MLG02N-1045E13201	1222518
		1,195 mm	MLG02N-1195E13201	1216975



Beam separation	Operating range	Detection height	Type	Part no.
5 mm	5 m	145 mm	MLG05N-0145E10501	1216920
		295 mm	MLG05N-0295E10501	1217371
		445 mm	MLG05N-0445E10501	1219487
		595 mm	MLG05N-0595E10501	1221302
		745 mm	MLG05N-0745E10501	1218305
		895 mm	MLG05N-0895E10501	1222982
		1,195 mm	MLG05N-1195E10501	1218158
		1,345 mm	MLG05N-1345E10501	1218306
		1,495 mm	MLG05N-1495E10501	1221780
		1,645 mm	MLG05N-1645E10501	1220834
		1,945 mm	MLG05N-1945E10501	1105430
		2,245 mm	MLG05N-2245E10501	1221544

Beam separation	Operating range	Detection height	Type	Part no.
10 mm	5 m	140 mm	MLG10N-0140E10501	1216566
		290 mm	MLG10N-0290E10501	1217124
		440 mm	MLG10N-0440E10501	1221995
		590 mm	MLG10N-0590E10501	1223108
		740 mm	MLG10N-0740E10501	1218307
		890 mm	MLG10N-0890E10501	1218715
		1,040 mm	MLG10N-1040E10501	1115844
		1,190 mm	MLG10N-1190E10501	1221532
		1,340 mm	MLG10N-1340E10501	1217639
		1,490 mm	MLG10N-1490E10501	1218682
		1,790 mm	MLG10N-1790E10501	1105739
		1,940 mm	MLG10N-1940E10501	1105740
		2,224 mm	MLG10N-2224E10501	1219313
		2,240 mm	MLG10N-2240E10501	1219352

Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	140 mm	MLG20N-0140E10501	1217890
		280 mm	MLG20N-0280E10501	1217891
		580 mm	MLG20N-0580E10501	1217892
		880 mm	MLG20N-0880E10501	1115884
		1,180 mm	MLG20N-1180E10501	1217893
		1,480 mm	MLG20N-1480E10501	1109459
		1,780 mm	MLG20N-1780E10501	1105738
		1,940 mm	MLG20N-1940E10501	1220887
		2,080 mm	MLG20N-2080E10501	1217894
		2,225 mm	MLG20N-2225E10501	1219314
		2,240 mm	MLG20N-2240E10501	1219351
		8.5 m	1,780 mm	MLG20N-1780E10801

Beam separation	Operating range	Detection height	Type	Part no.		
25 mm	5 m	275 mm	MLG25N-0275E10501	1217344		
		425 mm	MLG25N-0425E10501	1222736		
		725 mm	MLG25N-0725E10501	1220208		
		1,025 mm	MLG25N-1025E10501	1112865		
		1,325 mm	MLG25N-1325E10501	1107074		
		1,475 mm	MLG25N-1475E10501	1221955		
		1,625 mm	MLG25N-1625E10501	1217343		
		1,775 mm	MLG25N-1775E10501	1221819		
		1,925 mm	MLG25N-1925E10501	1217535		
		2,075 mm	MLG25N-2075E10501	1221027		
		2,225 mm	MLG25N-2225E10501	1219361		
		2,525 mm	MLG25N-2525E10501	1216568		
		2,975 mm	MLG25N-2975E10501	1107593		
			8.5 m	725 mm	MLG25N-0725E10801	1217312
		30 mm	5 m	270 mm	MLG30N-0270E10501	1217895
570 mm	MLG30N-0570E10501			1217896		
720 mm	MLG30N-0720E10501			1106769		
870 mm	MLG30N-0870E10501			1222643		
1,170 mm	MLG30N-1170E10501			1217897		
1,320 mm	MLG30N-1320E10501			1221425		
1,920 mm	MLG30N-1920E10501			1111749		
2,070 mm	MLG30N-2070E10501			1217898		

Beam separation	Operating range	Detection height	Type	Part no.
50 mm	5 m	250 mm	MLG50N-0250E10501	1217087
		1,000 mm	MLG50N-1000E10501	1105546
		1,150 mm	MLG50N-1150E10501	1222056
		1,300 mm	MLG50N-1300E10501	1222023
		1,600 mm	MLG50N-1600E10501	1222085
		1,750 mm	MLG50N-1750E10501	1222024
		2,200 mm	MLG50N-2200E10501	1118829
	8.5 m	400 mm	MLG50N-0400E10801	1217331
		1,750 mm	MLG50N-1750E10801	1217270

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** EtherCAT®
- **Option:** Protective housing IP69K

Beam separation	Operating range	Detection height	Type	Part no.
10 mm	3.75 m	890 mm	MLG10N-0890E50501	1119091
		1,040 mm	MLG10N-1040E50501	1119092

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** PROFIBUS DP (DPV1)
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	2 m	145 mm	MLG02N-0145P13201	1217818
		295 mm	MLG02N-0295P13201	1217819
		445 mm	MLG02N-0445P13201	1221737
		595 mm	MLG02N-0595P13201	1113147
		895 mm	MLG02N-0895P13201	1217820

Beam separation	Operating range	Detection height	Type	Part no.
5 mm	5 m	145 mm	MLG05N-0145P10501	1217252
		295 mm	MLG05N-0295P10501	1217821
		445 mm	MLG05N-0445P10501	1118120
		595 mm	MLG05N-0595P10501	1116431
		895 mm	MLG05N-0895P10501	1217822
		1,045 mm	MLG05N-1045P10501	1220972
		1,195 mm	MLG05N-1195P10501	1219996
		1,345 mm	MLG05N-1345P10501	1219701
		1,495 mm	MLG05N-1495P10501	1118121
		1,795 mm	MLG05N-1795P10501	1220284
		1,945 mm	MLG05N-1945P10501	1217823
		2,095 mm	MLG05N-2095P10501	1106410
		2,245 mm	MLG05N-2245P10501	1106899
		2,545 mm	MLG05N-2545P10501	1220577
		8.5 m	2,095 mm	MLG05N-2095P10801

Beam separation	Operating range	Detection height	Type	Part no.
10 mm	5 m	140 mm	MLG10N-0140P10501	1217108
		290 mm	MLG10N-0290P10501	1217830
		440 mm	MLG10N-0440P10501	1221349
		590 mm	MLG10N-0590P10501	1221139
		740 mm	MLG10N-0740P10501	1222617
		890 mm	MLG10N-0890P10501	1217831
		1,040 mm	MLG10N-1040P10501	1222616
		1,190 mm	MLG10N-1190P10501	1219995
		1,340 mm	MLG10N-1340P10501	1219884
		1,490 mm	MLG10N-1490P10501	1219997
		1,640 mm	MLG10N-1640P10501	1222615
		1,790 mm	MLG10N-1790P10501	1221679
		1,940 mm	MLG10N-1940P10501	1217832
		2,390 mm	MLG10N-2390P10501	1220207
		8.5 m	440 mm	MLG10N-0440P10801
	740 mm		MLG10N-0740P10801	1221088
	2,240 mm		MLG10N-2240P10801	1118955

Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	140 mm	MLG20N-0140P10501	1217837
		280 mm	MLG20N-0280P10501	1217838
		580 mm	MLG20N-0580P10501	1217839
		740 mm	MLG20N-0740P10501	1222618
		880 mm	MLG20N-0880P10501	1105798
		1,180 mm	MLG20N-1180P10501	1217840
		1,340 mm	MLG20N-1340P10501	1222731
		1,780 mm	MLG20N-1780P10501	1115158
		1,940 mm	MLG20N-1940P10501	1115159
		2,080 mm	MLG20N-2080P10501	1217841
		2,380 mm	MLG20N-2380P10501	1221691
	8.5 m	1,040 mm	MLG20N-1040P10801	1221236
		3,140 mm	MLG20N-3140P10801	1119571
25 mm	5 m	275 mm	MLG25N-0275P10501	1217912
		575 mm	MLG25N-0575P10501	1217913
		725 mm	MLG25N-0725P10501	1222206
		1,475 mm	MLG25N-1475P10501	1222207
	5 m	1,625 mm	MLG25N-1625P10501	1117411
		2,075 mm	MLG25N-2075P10501	1219332



Beam separation	Operating range	Detection height	Type	Part no.
30 mm	5 m	270 mm	MLG30N-0270P10501	1217914
		570 mm	MLG30N-0570P10501	1217915
		720 mm	MLG30N-0720P10501	1218939
		870 mm	MLG30N-0870P10501	1222337
		1,020 mm	MLG30N-1020P10501	1220832
		1,170 mm	MLG30N-1170P10501	1217916
		1,320 mm	MLG30N-1320P10501	1222773
		1,470 mm	MLG30N-1470P10501	1218443
		1,620 mm	MLG30N-1620P10501	1220432
		1,770 mm	MLG30N-1770P10501	1218442
		2,070 mm	MLG30N-2070P10501	1217917
		2,520 mm	MLG30N-2520P10501	1219893

Beam separation	Operating range	Detection height	Type	Part no.
50 mm	5 m	700 mm	MLG50N-0700P10501	1113330
		850 mm	MLG50N-0850P10501	1220829
		1,000 mm	MLG50N-1000P10501	1220831
		1,300 mm	MLG50N-1300P10501	1220830
		1,450 mm	MLG50N-1450P10501	1222495
		1,600 mm	MLG50N-1600P10501	1222474
		1,900 mm	MLG50N-1900P10501	1119382
		2,050 mm	MLG50N-2050P10501	1114564
		2,200 mm	MLG50N-2200P10501	1109080
		2,350 mm	MLG50N-2350P10501	1219845
		2,500 mm	MLG50N-2500P10501	1218723
	8.5 m	850 mm	MLG50N-0850P10801	1221822
		1,150 mm	MLG50N-1150P10801	1115841
		1,450 mm	MLG50N-1450P10801	1222494
		3,100 mm	MLG50N-3100P10801	1220431

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** PROFIBUS DP (DPV0)
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
5 mm	5 m	145 mm	MLG05N-0145P10502	1219881

Beam separation	Operating range	Detection height	Type	Part no.
10 mm	5 m	140 mm	MLG10N-0140P10502	1113723
		290 mm	MLG10N-0290P10502	1222052
		440 mm	MLG10N-0440P10502	1222034
		590 mm	MLG10N-0590P10502	1113357
		740 mm	MLG10N-0740P10502	1221262
		1,040 mm	MLG10N-1040P10502	1221360
		1,490 mm	MLG10N-1490P10502	1108351
		1,640 mm	MLG10N-1640P10502	1222659
		1,940 mm	MLG10N-1940P10502	1221359
		2,090 mm	MLG10N-2090P10502	1223266
		2,240 mm	MLG10N-2240P10502	1222732
		2,390 mm	MLG10N-2390P10502	1220951
			8.5 m	1,040 mm
20 mm	5 m	580 mm	MLG20N-0580P10502	1116736
		740 mm	MLG20N-0740P10502	1222660
		880 mm	MLG20N-0880P10502	1109855
	5 m	1,040 mm	MLG20N-1040P10502	1223323
		1,480 mm	MLG20N-1480P10502	1116870
		1,780 mm	MLG20N-1780P10502	1117557
		3,140 mm	MLG20N-3140P10502	1119978

Beam separation	Operating range	Detection height	Type	Part no.
30 mm	5 m	570 mm	MLG30N-0570P10502	1108356
		720 mm	MLG30N-0720P10502	1220952
		870 mm	MLG30N-0870P10502	1105744
		1,020 mm	MLG30N-1020P10502	1221703
		1,320 mm	MLG30N-1320P10502	1222940
		1,470 mm	MLG30N-1470P10502	1109053
		1,770 mm	MLG30N-1770P10502	1221705
		2,070 mm	MLG30N-2070P10502	1106992
		2,220 mm	MLG30N-2220P10502	1116203
		2,520 mm	MLG30N-2520P10502	1105841
50 mm	5 m	400 mm	MLG50N-0400P10502	1222899
		700 mm	MLG50N-0700P10502	1222051
		850 mm	MLG50N-0850P10502	1222630
		1,000 mm	MLG50N-1000P10502	1220953
		1,150 mm	MLG50N-1150P10502	1222631
		1,300 mm	MLG50N-1300P10502	1220954
		1,450 mm	MLG50N-1450P10502	1222608
		1,750 mm	MLG50N-1750P10502	1222632
		1,900 mm	MLG50N-1900P10502	1222633
		2,200 mm	MLG50N-2200P10502	1113550
		2,800 mm	MLG50N-2800P10502	1112970
		8.5 m	1,750 mm	MLG50N-1750P10802

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** EtherNet/IP™
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	2 m	145 mm	MLG02N-0145H13201	1216919
		295 mm	MLG02N-0295H13201	1217074
		445 mm	MLG02N-0445H13201	1217075
		595 mm	MLG02N-0595H13201	1217375
		745 mm	MLG02N-0745H13201	1216966
		895 mm	MLG02N-0895H13201	1217273
		1,045 mm	MLG02N-1045H13201	1223107
		1,195 mm	MLG02N-1195H13201	1222169

Beam separation	Operating range	Detection height	Type	Part no.
5 mm	5 m	145 mm	MLG05N-0145H10501	1216921
		295 mm	MLG05N-0295H10501	1217076
		445 mm	MLG05N-0445H10501	1217077
		595 mm	MLG05N-0595H10501	1218480
		745 mm	MLG05N-0745H10501	1216828
		895 mm	MLG05N-0895H10501	1216923
		1,045 mm	MLG05N-1045H10501	1220569
		1,195 mm	MLG05N-1195H10501	1221006
		1,345 mm	MLG05N-1345H10501	1119422
		1,495 mm	MLG05N-1495H10501	1221007
		1,645 mm	MLG05N-1645H10501	1217340
		1,795 mm	MLG05N-1795H10501	1221815
		1,945 mm	MLG05N-1945H10501	1218126
		2,095 mm	MLG05N-2095H10501	1217533
		2,245 mm	MLG05N-2245H10501	1217238
		2,395 mm	MLG05N-2395H10501	1222413
		2,545 mm	MLG05N-2545H10501	1219999
	8.5 m	595 mm	MLG05N-0595H10801	1221974
		2,095 mm	MLG05N-2095H10801	1114864

Beam separation	Operating range	Detection height	Type	Part no.	
10 mm	5 m	140 mm	MLG10N-0140H10501	1216565	
		290 mm	MLG10N-0290H10501	1219710	
		440 mm	MLG10N-0440H10501	1220578	
		590 mm	MLG10N-0590H10501	1220716	
		740 mm	MLG10N-0740H10501	1220254	
		890 mm	MLG10N-0890H10501	1217647	
		1,040 mm	MLG10N-1040H10501	1217475	
		1,190 mm	MLG10N-1190H10501	1217125	
		1,340 mm	MLG10N-1340H10501	1219824	
		1,490 mm	MLG10N-1490H10501	1222022	
		1,640 mm	MLG10N-1640H10501	1221615	
		1,790 mm	MLG10N-1790H10501	1219200	
		1,940 mm	MLG10N-1940H10501	1218125	
		2,090 mm	MLG10N-2090H10501	1217534	
		2,240 mm	MLG10N-2240H10501	1217239	
		2,540 mm	MLG10N-2540H10501	1220855	
		2,690 mm	MLG10N-2690H10501	1221826	
		3,140 mm	MLG10N-3140H10501	1111001	
			8.5 m	1,190 mm	MLG10N-1190H10801

Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	280 mm	MLG20N-0280H10501	1217899
		580 mm	MLG20N-0580H10501	1217900
		1,180 mm	MLG20N-1180H10501	1217901
		1,340 mm	MLG20N-1340H10501	1110165
		1,480 mm	MLG20N-1480H10501	1218289
		1,940 mm	MLG20N-1940H10501	1106296
		2,080 mm	MLG20N-2080H10501	1217902
		2,540 mm	MLG20N-2540H10501	1218288
		2,840 mm	MLG20N-2840H10501	1218287
		3,140 mm	MLG20N-3140H10501	1115261
	8.5 m	3,140 mm	MLG20N-3140H10801	1115251



Beam separation	Operating range	Detection height	Type	Part no.
25 mm	5 m	275 mm	MLG25N-0275H10501	1216950
		425 mm	MLG25N-0425H10501	1217496
		575 mm	MLG25N-0575H10501	1218074
		725 mm	MLG25N-0725H10501	1216922
		875 mm	MLG25N-0875H10501	1220908
		1,025 mm	MLG25N-1025H10501	1217497
		1,175 mm	MLG25N-1175H10501	1218886
		1,325 mm	MLG25N-1325H10501	1112006
		1,475 mm	MLG25N-1475H10501	1217476
		1,625 mm	MLG25N-1625H10501	1112618
		1,775 mm	MLG25N-1775H10501	1218993
		1,925 mm	MLG25N-1925H10501	1118860
		2,075 mm	MLG25N-2075H10501	1220715
		2,225 mm	MLG25N-2225H10501	1217794
		2,375 mm	MLG25N-2375H10501	1217364
		2,525 mm	MLG25N-2525H10501	1216567
	3,125 mm	MLG25N-3125H10501	1218110	
	8.5 m	1,475 mm	MLG25N-1475H10801	1220014

Beam separation	Operating range	Detection height	Type	Part no.	
30 mm	5 m	270 mm	MLG30N-0270H10501	1217903	
		570 mm	MLG30N-0570H10501	1217904	
		1,020 mm	MLG30N-1020H10501	1218856	
		1,170 mm	MLG30N-1170H10501	1217905	
		1,470 mm	MLG30N-1470H10501	1106767	
		1,620 mm	MLG30N-1620H10501	1109975	
		2,070 mm	MLG30N-2070H10501	1217906	
		2,220 mm	MLG30N-2220H10501	1221804	
		2,520 mm	MLG30N-2520H10501	1218857	
		8.5 m	2,520 mm	MLG30N-2520H10801	1110667
50 mm	5 m	250 mm	MLG50N-0250H10501	1216963	
		550 mm	MLG50N-0550H10501	1217305	
		700 mm	MLG50N-0700H10501	1222475	
		850 mm	MLG50N-0850H10501	1222476	
		1,000 mm	MLG50N-1000H10501	1115725	
		1,150 mm	MLG50N-1150H10501	1106766	
		1,300 mm	MLG50N-1300H10501	1219002	
		1,600 mm	MLG50N-1600H10501	1218740	
		1,750 mm	MLG50N-1750H10501	1221984	
		1,900 mm	MLG50N-1900H10501	1221665	
		2,050 mm	MLG50N-2050H10501	1218884	
		2,350 mm	MLG50N-2350H10501	1219974	
		2,500 mm	MLG50N-2500H10501	1222989	
		3,100 mm	MLG50N-3100H10501	1218191	
		8.5 m	2,050 mm	MLG50N-2050H10801	1114424

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** EtherNet/IP™
- **Option:** Protective housing IP69K

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	1.5 m	295 mm	MLG02N-0295H53201	1119539
		445 mm	MLG02N-0445H53201	1119553
		745 mm	MLG02N-0745H53201	1119852

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** PROFINET
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	2 m	145 mm	MLG02N-0145N13201	1216746
		295 mm	MLG02N-0295N13201	1216768
		445 mm	MLG02N-0445N13201	1216769
		595 mm	MLG02N-0595N13201	1217336
		745 mm	MLG02N-0745N13201	1216952
		895 mm	MLG02N-0895N13201	1218810
		1,045 mm	MLG02N-1045N13201	1218245
		1,195 mm	MLG02N-1195N13201	1217762

Beam separation	Operating range	Detection height	Type	Part no.	
5 mm	5 m	145 mm	MLG05N-0145N10501	1217292	
		295 mm	MLG05N-0295N10501	1218228	
		445 mm	MLG05N-0445N10501	1218229	
		595 mm	MLG05N-0595N10501	1218236	
		745 mm	MLG05N-0745N10501	1217580	
		895 mm	MLG05N-0895N10501	1218692	
		1,045 mm	MLG05N-1045N10501	1216929	
		1,195 mm	MLG05N-1195N10501	1217758	
		1,345 mm	MLG05N-1345N10501	1217760	
		1,495 mm	MLG05N-1495N10501	1216930	
		1,645 mm	MLG05N-1645N10501	1217339	
		1,795 mm	MLG05N-1795N10501	1217265	
		1,945 mm	MLG05N-1945N10501	1108886	
		2,095 mm	MLG05N-2095N10501	1223064	
		2,245 mm	MLG05N-2245N10501	1217615	
		2,395 mm	MLG05N-2395N10501	1220609	
		2,545 mm	MLG05N-2545N10501	1219748	
		8.5 m	595 mm	MLG05N-0595N10801	1217517
			895 mm	MLG05N-0895N10801	1222508
			1,195 mm	MLG05N-1195N10801	1220665
10 mm	5 m	140 mm	MLG10N-0140N10501	1216564	
		290 mm	MLG10N-0290N10501	1217086	
10 mm	5 m	440 mm	MLG10N-0440N10501	1216880	
		590 mm	MLG10N-0590N10501	1218237	
		740 mm	MLG10N-0740N10501	1217070	

Beam separation	Operating range	Detection height	Type	Part no.	
		890 mm	MLG10N-0890N10501	1217069	
		1,040 mm	MLG10N-1040N10501	1217413	
		1,190 mm	MLG10N-1190N10501	1217674	
		1,340 mm	MLG10N-1340N10501	1217271	
		1,490 mm	MLG10N-1490N10501	1216943	
		1,640 mm	MLG10N-1640N10501	1217248	
		1,790 mm	MLG10N-1790N10501	1217749	
		1,940 mm	MLG10N-1940N10501	1218261	
		2,090 mm	MLG10N-2090N10501	1218726	
		2,240 mm	MLG10N-2240N10501	1218120	
		2,390 mm	MLG10N-2390N10501	1218154	
		2,540 mm	MLG10N-2540N10501	1217022	
		2,690 mm	MLG10N-2690N10501	1217814	
		2,840 mm	MLG10N-2840N10501	1221506	
		3,140 mm	MLG10N-3140N10501	1218727	
		8.5 m	590 mm	MLG10N-0590N10801	1221901
			740 mm	MLG10N-0740N10801	1221908
			1,040 mm	MLG10N-1040N10801	1219682
			1,640 mm	MLG10N-1640N10801	1115426
			2,090 mm	MLG10N-2090N10801	1217993
2,840 mm	MLG10N-2840N10801		1221761		
3,140 mm	MLG10N-3140N10801	1111126			
20 mm	5 m	140 mm	MLG20N-0140N10501	1217907	

Beam separation	Operating range	Detection height	Type	Part no.		
		280 mm	MLG20N-0280N10501	1217908		
		440 mm	MLG20N-0440N10501	1117200		
		580 mm	MLG20N-0580N10501	1217909		
		740 mm	MLG20N-0740N10501	1120044		
		880 mm	MLG20N-0880N10501	1218071		
		1,180 mm	MLG20N-1180N10501	1217910		
		1,340 mm	MLG20N-1340N10501	1222055		
		1,480 mm	MLG20N-1480N10501	1218634		
		1,640 mm	MLG20N-1640N10501	1219793		
		1,780 mm	MLG20N-1780N10501	1115432		
		1,940 mm	MLG20N-1940N10501	1106295		
		2,080 mm	MLG20N-2080N10501	1217911		
		2,240 mm	MLG20N-2240N10501	1222946		
		2,380 mm	MLG20N-2380N10501	1221191		
		2,540 mm	MLG20N-2540N10501	1218635		
		2,680 mm	MLG20N-2680N10501	1219478		
		2,840 mm	MLG20N-2840N10501	1218636		
			8.5 m	580 mm	MLG20N-0580N10801	1111050
				1,040 mm	MLG20N-1040N10801	1219697
				2,080 mm	MLG20N-2080N10801	1115842
25 mm	5 m	275 mm	MLG25N-0275N10501	1221316		
		425 mm	MLG25N-0425N10501	1218885		
		575 mm	MLG25N-0575N10501	1217660		
		725 mm	MLG25N-0725N10501	1217091		
		875 mm	MLG25N-0875N10501	1218046		

Beam separation	Operating range	Detection height	Type	Part no.	
		1,025 mm	MLG25N-1025N10501	1217306	
		1,175 mm	MLG25N-1175N10501	1217661	
		1,325 mm	MLG25N-1325N10501	1217307	
		1,475 mm	MLG25N-1475N10501	1216833	
		1,625 mm	MLG25N-1625N10501	1217616	
		1,775 mm	MLG25N-1775N10501	1218854	
		1,925 mm	MLG25N-1925N10501	1114665	
		2,075 mm	MLG25N-2075N10501	1218728	
		2,225 mm	MLG25N-2225N10501	1216946	
		2,375 mm	MLG25N-2375N10501	1220264	
		2,525 mm	MLG25N-2525N10501	1216531	
		2,675 mm	MLG25N-2675N10501	1219160	
		2,825 mm	MLG25N-2825N10501	1217817	
		3,125 mm	MLG25N-3125N10501	1217609	
		8.5 m	575 mm	MLG25N-0575N10801	1222276
		1,175 mm	MLG25N-1175N10801	1219100	
		1,325 mm	MLG25N-1325N10801	1218657	
		1,475 mm	MLG25N-1475N10801	1222672	
	2,075 mm	MLG25N-2075N10801	1217992		
	2,225 mm	MLG25N-2225N10801	1218743		

Beam separation	Operating range	Detection height	Type	Part no.
30 mm	5 m	270 mm	MLG30N-0270N10501	1222543
		420 mm	MLG30N-0420N10501	1222373
		720 mm	MLG30N-0720N10501	1222338
		870 mm	MLG30N-0870N10501	1221001
		1,020 mm	MLG30N-1020N10501	1219145
		1,320 mm	MLG30N-1320N10501	1113623
		1,470 mm	MLG30N-1470N10501	1218446
		1,620 mm	MLG30N-1620N10501	1219062
		1,770 mm	MLG30N-1770N10501	1218445
		1,920 mm	MLG30N-1920N10501	1218346
		2,070 mm	MLG30N-2070N10501	1218447
		2,220 mm	MLG30N-2220N10501	1222352
		2,520 mm	MLG30N-2520N10501	1218853
		2,820 mm	MLG30N-2820N10501	1218851
		30 mm	8.5 m	420 mm
1,020 mm	MLG30N-1020N10801			1222146
50 mm	5 m	250 mm	MLG50N-0250N10501	1217088
		400 mm	MLG50N-0400N10501	1114285



Beam separation	Operating range	Detection height	Type	Part no.	
		550 mm	MLG50N-0550N10501	1219053	
		700 mm	MLG50N-0700N10501	1217090	
		850 mm	MLG50N-0850N10501	1221203	
		1,000 mm	MLG50N-1000N10501	1216771	
		1,150 mm	MLG50N-1150N10501	1216577	
		1,300 mm	MLG50N-1300N10501	1216785	
		1,450 mm	MLG50N-1450N10501	1216786	
		1,600 mm	MLG50N-1600N10501	1216787	
		1,750 mm	MLG50N-1750N10501	1216788	
		1,900 mm	MLG50N-1900N10501	1216789	
		2,050 mm	MLG50N-2050N10501	1216790	
		2,200 mm	MLG50N-2200N10501	1216791	
		2,350 mm	MLG50N-2350N10501	1216792	
		2,500 mm	MLG50N-2500N10501	1216793	
		2,650 mm	MLG50N-2650N10501	1216794	
		2,800 mm	MLG50N-2800N10501	1216993	
		3,100 mm	MLG50N-3100N10501	1218050	
		8.5 m	850 mm	MLG50N-0850N10801	1220054
			1,300 mm	MLG50N-1300N10801	1218659
		3,100 mm	MLG50N-3100N10801	1221396	

- **Device version:** ProNet - Advanced functionality incl. feldbus
- **Communication Interface detail:** PROFINET
- **Option:** Protective housing IP69K

Beam separation	Operating range	Detection height	Type	Part no.
2.5 mm	1.5 m	445 mm	MLG02N-0445N53201	1113762
5 mm	3.75 m	295 mm	MLG05N-0295N50501	1112732
	6.3 m	2,095 mm	MLG05N-2095N50801	1119412
10 mm	3.75 m	2,090 mm	MLG10N-2090N50501	1118257
20 mm	6.3 m	440 mm	MLG20N-0440N50801	1114129

- **Device version:** ProNet - Replacement product (for MLG-1 with terminals)
- **Communication Interface detail:** Serial (RS-485)
- **Inputs/outputs:** RS-485 + 6 x Q + 2 x I/O
- **Option:** none

Beam separation	Operating range	Detection height	Type	Part no.
5 mm	5 m	145 mm	MLG05N-0145U10501	1219806
		1,495 mm	MLG05N-1495U10501	1221138
		2,545 mm	MLG05N-2545U10501	1219807
10 mm	5 m	140 mm	MLG10N-0140U10501	1220010
		290 mm	MLG10N-0290U10501	1115339
		590 mm	MLG10N-0590U10501	1221749
		890 mm	MLG10N-0890U10501	1221750
		1,340 mm	MLG10N-1340U10501	1221752
		1,790 mm	MLG10N-1790U10501	1114666
		2,390 mm	MLG10N-2390U10501	1221263

Beam separation	Operating range	Detection height	Type	Part no.
20 mm	5 m	440 mm	MLG20N-0440U10501	1222405
		1,780 mm	MLG20N-1780U10501	1107624
		2,240 mm	MLG20N-2240U10501	1107373
		3,140 mm	MLG20N-3140U10501	1107372
	8.5 m	1,180 mm	MLG20N-1180U10801	1222865
		3,140 mm	MLG20N-3140U10801	1111962
25 mm	8.5 m	275 mm	MLG25N-0275U10801	1222513
		725 mm	MLG25N-0725U10801	1222226
		1,625 mm	MLG25N-1625U10801	1222514
30 mm	5 m	2,070 mm	MLG30N-2070U10501	1222662
		2,220 mm	MLG30N-2220U10501	1105986
50 mm	5 m	550 mm	MLG50N-0550U10501	1222130
		1,000 mm	MLG50N-1000U10501	1222780
		1,150 mm	MLG50N-1150U10501	1221735
		1,450 mm	MLG50N-1450U10501	1221753
		1,600 mm	MLG50N-1600U10501	1221756
		1,900 mm	MLG50N-1900U10501	1221736
		2,050 mm	MLG50N-2050U10501	1221755
		2,350 mm	MLG50N-2350U10501	1221757
		2,500 mm	MLG50N-2500U10501	1221754
		2,800 mm	MLG50N-2800U10501	1221751

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