



Compact

Compact design - with integrated encoder

WIRE DRAW ENCODERS

SICK
Sensor Intelligence.



Technical data overview

Sub product family	BKS PKS XKS (depending on type)
Measuring range	0 m ... 5 m (depending on type)
Communication interface	SSI Incremental / TTL / RS-422 HIPERFACE®



Product description

In the Compact family, the encoder is integrated into the wire draw mechanism. This integration provides the encoder with the best possible protection in harsh industrial environments. These encoders have a measuring range of up to 5 m with high resolution, plus incremental or absolute output.

At a glance

- Measuring lengths from 2 m ... 5 m
- Integrated measuring system
- Compact housing (90 mm x 90 mm x 90 mm)
- Incremental and absolute versions
- High resolution

Your benefits

- Industrial designed encoder integrated in an aluminum housing makes it less susceptible to external damage, saving time and reducing maintenance costs
- Extremely precise measurements by eliminating the coupling between the encoder and the mechanism
- Space-saving installation, since the encoder is directly integrated into the wire draw mechanics.
- Very precise measurements thanks to its high resolution

Fields of application

- Automated guided systems (fork height)
- Fork lift trucks
- Storage and rack operation equipment
- Wood processing machines
- Lifting platforms

Ordering information

Other models and accessories → www.sick.com/Compact

- **Measuring range:** 0 m ... 2 m

Communication interface	Connection type	Type	Part no.
HIPERFACE®	Male connector, M12, 8-pin, radial	XKS09-HTBM0227	1035436
Incremental / TTL / RS-422	Male connector, M23, 12-pin, radial	PKS09-ATBM0220	1035242
SSI	Male connector, M23, 12-pin, radial	BKS09-ATBM0220	1035240

- **Measuring range:** 0 m ... 5 m

Communication interface	Connection type	Type	Part no.
HIPERFACE®	Male connector, M12, 8-pin, radial	XKS09-HTBM0527	1035437
Incremental / TTL / RS-422	Male connector, M23, 12-pin, radial	PKS09-ATBM0520	1035243
SSI	Male connector, M23, 12-pin, radial	BKS09-ATBM0520	1035241

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com