

Beckhoff — ZK Motor Cables

ZK7A26-3031-0022

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The **ZK7A26-3031-0022** is a prefabricated motor cable developed by **Beckhoff** for installations that combine power and data in a single cable run. It is supplied under the **ZK Motor Cables** series for servo drives and compact I/O stations that use EtherCAT P. The assembly provides a plug-and-play connection among the controller, in-line distribution modules, and motor. Its integrated low-voltage supply conductors and twisted data pairs simplify routing in industrial automation cells and reduce the amount of wiring required inside the control panel.

The cable uses conductors with a cross-sectional area of **0.34 mm²**, balancing the current capacity required for 24 V auxiliary circuits with low attenuation for high-speed differential signals. Inside the circular jacket, an M12 connector has **4 pins**, matching the interface arrangement that combines power and real-time communication in one connection. The data pairs meet **Cat.5** performance requirements and support deterministic traffic at speeds up to 100 Mbit/s without additional signal cabling. The molded coupling has an **IP65/IP67** rating, protecting the connection against dust, coolant spray, and temporary water immersion. Its compact **B23** installation size fits areas with limited connector clearance behind motor housings while preserving space for proper strain relief.

The cable has a fixed length of **2.2 m**, which reduces excess slack across standard cabinet-to-motor distances. Its connector uses mechanical coding **3**, helping prevent cross-mating with incompatible pin arrangements during installation or maintenance. The prefabricated ends eliminate the need to terminate individual power and data conductors in the field. Molded connector bodies enclose the conductor terminations and support consistent cable alignment, while the circular coupling provides a secure mechanical connection in areas exposed to machine

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vibration.

Specifications

Conductor Size:	0.75-1.5 mm ²	Contact Configuration:	1NO (Normally Open)	Data Cross-section:	0.34 mm ² (AWG22)
Ethercat P Pins:	4	Ethernet Category:	Cat.5	Housing Material:	Plastic
Ingress Protection:	IP20	Installation Size:	B23	Length:	2.2 m
Max Switching Voltage:	690 V	Mechanical Coding:	3	Mounting Type:	Front/Panel Mount
Protection Class:	IP65/IP67	Rated Operational Current (ie):	10 A	Rated Operational Voltage (ue):	600 V AC
Rohs Compliance:	Compliant	Terminal Type:	Screw Clamp	Last Verified:	10/25/2026 11:33 PM

Contact Us

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Shipping Options



Payment Methods



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