

Accessories

▶ **cab-eth/M12D-RJ45-flx-...** Industrial Ethernet connection cable M12-RJ45

- CAT.5 performance
- 2-pair 10/100 Mbit/s
- Characteristic impedance 100 Ohm
- 4-pole M12 connector D-coded and RJ45 connector
- Cable type AWG26
- Material PUR, color green
- Drag chain suitable
- Various lengths available (2m, 5m, 10m, 20m)
- RoHS compliant
- Suitable for connection to a RS232/Ethernet adapter of type cab-4/ETH-500 or cab-5/ETH-500



Product Description

Product name:

- cab-eth/M12D-RJ45-flx-2m** (l=2m)
- cab-eth/M12D-RJ45-flx-5m** (l=5m)
- cab-eth/M12D-RJ45-flx-10m** (l=10m)
- cab-eth/M12D-RJ45-flx-20m** (l=20m)



Fields of application:

- Suitable for use in industrial environments
- For indoor use
- For highly flexible applications
- Automation technology

Design:

- AWG26 (19-wire)
- Full backup with copper braid and plastic-laminated aluminum foil
- Outer sheath made of PUR
- Color: green (similar to RAL 6018)
- Prefabricated connection cable with M12 plug connector „D“-coded as well as RJ45 connector
- 4-pole M12 connector with vibration protection

Product features:

- Meets CAT.5e, ISO/IEC 11801 and EN 50173, Class D
- Data transfer rate: 2-pair: 10/100 Mbit/s for Industrial Ethernet



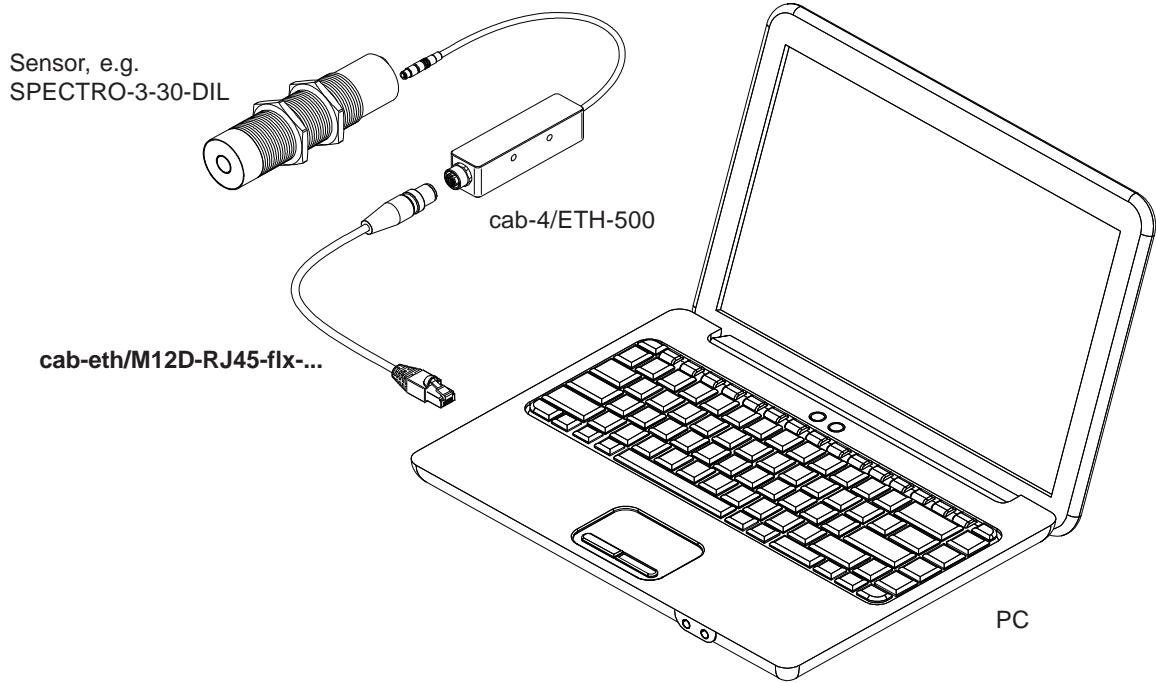
Technical Data

Type	cab-eth/M12D-RJ45-flx-...
Cable type	AWG26 (19-wire) Wire diameter 0.287 mm Wire cross-section 0.646 mm ²
Number of pairs and AWG per conductor	2x2xAWG26
Copper index (kg/km)	cab-eth/M12D-RJ45-flx-2m: 40,0 cab-eth/M12D-RJ45-flx-5m: 100,0 cab-eth/M12D-RJ45-flx-10m: 200,0 cab-eth/M12D-RJ45-flx-20m: 400,0
Shielding	Full shielding of copper braid and plastic-laminated aluminum foil
Connectors	4-pole M12 connector "D"-coded RJ45 connector
Sheath	PUR jacket, color green
Minimum bending radius	Moved: 8x external diameter Fixed installation: 4x outer diameter
Temperature range	During installation: -30°C ... +50°C Fixed installation: -40°C ... +80°C
Characteristic impedance	100 Ohm ± 15%
Enclosure rating	M12: IP67 / IP69K RJ45: IP20
Available lengths	2m, 5m, 10m or 20m: cab-eth/M12D-RJ45-flx-2m cab-eth/M12D-RJ45-flx-5m cab-eth/M12D-RJ45-flx-10m cab-eth/M12D-RJ45-flx-20m
Product features	Meets CAT.5e, ISO/IEC 11801 and EN 50173, Class D
Data transfer rate	2-pair: 10/100 Mbit/s for Industrial Ethernet



Connection Possibilities

Connection to RS232/Ethernet adapter *cab-4/ETH-500*:



Connection to RS232/Ethernet adapter *cab-5/ETH-500*:

