



HARTING RJ Industrial® 10G Extender

Advantages

- Simple, fast and reliable connection of data cables
- Compact and robust design
- 360° shielding
- Category of transmission Cat. 6_A
- Suitable for solid and stranded wires
- Field assembly without special tools

Technical characteristics

Connector type	RJ45 connector acc. to IEC 60603-7
Number of contacts	8
Transmission performance	Category 6 _A , Class E _A up to 500 MHz acc. to ISO/IEC 11801, EN 50 173-1
Data rate	10 Mbit/s, 100 Mbit/s, 1 Gbit/s, 2,5 Gbit/s, 5 Gbit/s, 10 Gbit/s
Shielding	fully shielded, 360° shielding contact
Mounting	Field assembly
Connectable cables	
– Conductor cross section	AWG 23 ... AWG 22 (solid and stranded)
– Conductor diameter	1.3 ... 1.6 mm
Cable diameter	5 ... 9 mm
Degree of protection	IP20
Temperature range	-40 °C ... +70 °C
Housing material	Zinc die-cast, nickel-plated

Application

- Extension of cables for data communication
- Connection of cables with different cross-sections
- Linking of fire compartments

Identification	Part number	Drawing	Dimensions in mm
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