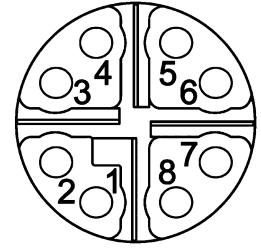


Number of contacts

8

preLink® displacement termination
Shielded

Features

- Ethernet data connector suitable for industry
- Robust design
- 360° shielding
- Category of transmission Cat. 6A
- Suitable for termination of massive and flexible wires
- Suitable for all PoE versions
- Very fast preLink® termination technology

Technical characteristics

Number of contacts	8
Limiting temperature	-40 ... +85 °C
Mating cycles	≥ 500
Locking type	Screw locking, PushPull
Degree of protection acc. to IEC 60529	IP65 / IP67
Conductor cross-section	0.1 ... 0.12 mm ² , 0.22 ... 0.32 mm ²

Technical characteristics


Conductor cross-section	AWG 27 ... AWG 26, AWG 24 ... AWG 22
Cable diameter	5 ... 9.5 mm
Transmission characteristics	Cat. 6A, Class EA up to 500 MHz
Data rate	10 Mbit/s, 100 Mbit/s, 1 Gbit/s, 2.5 Gbit/s, 5 Gbit/s, 10 Gbit/s
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Nickel plated
RoHS c	compliant with exemption

Specifications and approvals

IEC 61076-2-109
DNV GL

Details

Suitable for 10 Gbit Ethernet only

Identification	Conductor cross-section (mm ²)	Part number Female	Drawing	Dimensions in mm
<p>preLink®, Circular connectors M12, Cable connector, Panel feed through, for rear mounting, preLink® IDC insulation displacement termination, Shielded</p>  <p>Please order terminal module separately.</p>	0.1 ... 0.12, 0.22 ... 0.32	20 82 006 2001	