



preLink® RJ45 jacks (HIFF)

## Advantages

- Compact and robust design
- Category of transmission Cat. 6
- Suitable for solid and stranded wires
- Compatible with HIFF dimensions for use in:
  - Han® 3 A series with HIFF adapter 09 45 515 0024
  - HARTING PushPull (V4)
    - Compact bulkhead mounting housing 09 45 545 0028
    - EasyInstall bulkhead mounting housing 09 45 545 0032
  - Han® PushPull (V14)
    - Panel feed-through plastic 09 35 012 0331
    - Panel feed-through metal rectangular 09 35 012 0311
    - Panel feed-through metal circular 09 35 012 0312
  - har-port 09 45 452 0000
- Suitable for PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at)

## Technical characteristics

Connector type	RJ45 connector acc. to IEC 60603-7
Number of contacts	8
Transmission category	Category 6 <sub>A</sub> , Class E <sub>A</sub> , suitable for 1/10 Gigabit Ethernet
Transmission performance	Category 6 <sub>A</sub> / Class E <sub>A</sub> up to 500 MHz acc. to ISO/IEC 11801:2002, EN 50 173-1
Transmission rate	10/100 Mbit/s and 1/10 Gbit/s
Shielding	fully shielded, 360° shielding contact
Mounting	IDC termination
Cable termination for preLink® terminal module,	yellow, 20 82 000 0001
Connectable cables	
– Conductor cross section	AWG 23 ... AWG 22 (solid and stranded)
– Conductor diameter	1.3 ... 1.6 mm
Cable termination for preLink® terminal module,	white, 20 82 000 0003
Connectable cables	
– Conductor cross section	AWG 27 ... AWG 26 (solid and stranded)
– Conductor diameter	0.8 ... 1.1 mm
Cable diameter	5 ... 9 mm
Degree of protection	IP20
Mating cycles	min. 750
Temperature range	–40 °C ... +70 °C
Housing material	Zinc die-cast, nickel-plated

Identification	Part number	Drawing	Dimensions in mm
preLink® set RJ45 jack consists of: • 1x RJ45 module • 1x terminal module • 1x cable tie	AWG 22/23 20 82 001 0001 AWG 26/27 20 82 001 0002		
preLink® RJ45 jack module	20 82 000 0002		
preLink® RJ45 terminal module AWG 22/23, yellow <sup>1)</sup> AWG 26/27, white <sup>1)</sup>	20 82 000 0001 20 82 000 0003		
preLink® protection cover	20 82 000 9915		
preLink® unlocking tool	20 82 000 9916		
preLink® assembly tool	20 82 000 9901		

<sup>1)</sup> Packaging with 10 pieces