

## RJ45/8A Cat 6A Plug, configurable

### Function

The **RJ45/8A Cat 6A plug** can be used for PROFINET applications and for transmission rates of up to 10 Gbps. The connector is equipped with insulation-displacement contacts, which means that no special tools are required for configuration. It can be used with PROFINET, Standard Ethernet and Ethernet Installation cables. The connector is fully shielded and suitable for industrial application in harsh conditions.

### Technical data

- Transmission characteristics: Cat 6A according to ISO/IEC 11801
- Protection class: IP20
- Stranded conductor core connection: AWG 27/7 – 22/7  
Core diameter 0.46 mm – 0.76 mm
- Full core connection: AWG 26/1 – 22/1  
Core diameter 0.4 mm – 0.64 mm
- Configuration: Insulation-displacement contacts  
No special tools required for connection
- Operating temperature: -40°C to +85°C
- Jacket diameter: 5.5 mm to 10.5 mm
- Cycles of operation: 750 min.
- Casing material: Die-cast zinc

### Pin assignment

Pin number	T568A	T568B	Industrial
1	WH-GN	WH-OG	YE
2	GN	OG	OR
3	WH-OG	WH-GN	WH
4	BU	BU	-
5	WH-BU	WH-BU	-
6	OG	GN	BU
7	WH-BN	WH-BN	-
8	BN	BN	-

### CE mark

Plugs are passive components and are not subject to the CE mark system pursuant to EU Directives.

### Ordering Details

Ordering Details	Art. No.
RJ45/8A Stecker Cat 6A, 180°	112030008
RJ45/8A Stecker Cat 6A, 360°	112030009



RJ45/8A Connector Cat 6A



Sample application