



## HARTING RJ Industrial® cable jack

### Advantages

- Compact and robust design
- 360° shielding
- Category of transmission Cat. 6<sub>A</sub>
- Suitable for solid and stranded wires
- Field-assembly with *HARAX*® quick termination in IDC technology
- Keystone form factor – usable for DIN-rail outlet 09 45 851 0000 and a wide range of typical patch panels and wall outlets
- Suitable for PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at)

### Technical characteristics

|                           |   |
|---------------------------|---|
| Connector type            | RJ45 connector acc. to IEC 60 603-7   |
| 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 11 801:2002, EN 50 173-1 |
| Transmission rate         | 10/100 Mbit/s and 1/10 Gbit/s   |
| Shielding                 | fully shielded, 360° shielding contact  |
| Mounting                  | Field-assembly  |
| Cable termination         | with IDC-contacts, without tools  |
| Connectable cables        |   |
| - Conductor cross section | AWG 27 ... AWG 24 (solid/stranded) <sup>1)</sup><br>AWG 24 ... AWG 22 (solid/stranded) <sup>2)</sup>  |
| - Conductor diameter      | max. 1.6 mm (incl. insulation) <sup>1)</sup><br>max. 1.2 mm (incl. insulation) <sup>2)</sup>          |
| - Cable diameter          | 5 ... 9 mm  |
| Mating cycles             | min. 750  |
| Degree of protection      | IP 20   |
| Temperature range         | -40 °C ... +70 °C   |
| Housing material          | Zinc die-cast, nickel-plated  |

| Identification   | Part No.       | Drawing | Dimensions in mm |
|--|----------------|---------|------------------|
| HARTING RJ Industrial® 10G cable jack, 8-poles                       |                |         |                  |
| AWG 28 ... 24  | 09 45 545 1563 |         |                  |
| AWG 24 ... 22  | 09 45 545 1564 |         |                  |
| HARTING RJ Industrial® PN cable jack, 4-poles, Cat. 5                |                |         |                  |
| AWG 24 ... 22  | 09 45 545 1122 |         |                  |
| Unlocking tool for opening of the HARTING RJ Industrial® cable jacks | 20 82 000 9916 |         |                  |

<sup>1)</sup> For part number 09 45 545 1564

<sup>2)</sup> For part number 09 45 545 1563 and 09 45 545 1122