



HARTING RJ Industrial® connector set RJ45, 4 poles

## Advantages

- RJ45 Ethernet-Data connector suitable for industry
- Tool-less field-assembly with HARAX® rapid termination in IDC technology
- Compact design
- Ergonomical unlocking clip
- Less weight assures shock- and vibration-resisting connection
- Category of transmission Cat. 5
- Suitable for termination of solid and stranded cables
- Up to 10 x reconductable
- PROFINET compatible
- 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	4
Transmission performance	Category 5 / Class D up to 100 MHz acc. to ISO/IEC 11801:2002, EN 50 173-1
Transmission rate	10/100 Mbit/s
Mounting	field-assembly
Cable termination	with IDC-contacts, without tools
Connectable cables	
- Conductor cross section	AWG 24/7 ... AWG 22/7 (stranded) AWG 23/1 ... AWG 22/1 (solid) AWG 26/7 (09 45 151 1109)
- Conductor diameter	max. 1.6 mm (09 45 151 1100 / 09 45 151 1108) max. 1.2 mm (09 45 151 1109)
- Cable diameter	6.1 ... 6.9 mm
Mating cycles	min. 750
Degree of protection	IP20
Temperature range	-40 °C ... +70 °C
Housing material	Polyamide, UL 94-V0
Colour	Black
	UL approval (E102079)

Identification	Part number	Drawing	Dimensions in mm
<p>HARTING RJ Industrial® connector set RJ45, 4 poles</p> <p>incl.: housing with shielding, splicing element, cable gland and instruction manual</p> <p>like 09 45 151 1100 but for AWG 26</p>	<p>09 45 151 1100 09 45 151 1108<sup>1)</sup></p> <p>09 45 151 1109</p>	<p>Mating face acc. to IEC 60603-7</p>	

<sup>1)</sup> Packaging with 100 sets