



## HARTING RJ Industrial® connector set RJ45, 8-poles

### Advantages

- RJ45 Ethernet-Data connector suitable for industry
- Field-assembly with piercing contacts
- Compact design
- Ergonomically unlocking clip
- Less weight assures shock- and vibration resisting connection
- Category of transmission Cat. 6<sub>A</sub>
- 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 performance	Category 6 <sub>A</sub> / Class E <sub>A</sub> up to 500 MHz acc. to ISO/IEC 11801:2002, EN 50173-1
Transmission rate	10/100 Mbit/s and 1/10 Gbit/s
Shielding	fully shielded, 360° shielding contact
Mounting	Field-assembly
Cable termination	with piercing contacts
Connectable cables	
- Conductor cross section	AWG 28/7 ... AWG 24/7 (stranded)
- Conductor diameter	max. 1.05 mm (incl. insulation)
- Cable diameter	6.1 ... 6.9 mm
Mating cycles	min. 750
Degree of protection	IP20
Temperature range	-40 °C ... +70 °C
Housing material	Polycarbonate, UL 94-V0
Colour	black
	UL approval (E102079)



Identification	Part number	Drawing	Dimensions in mm
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incl.:  
housing with shielding, cable gland  
and instruction manual

09 45 151 1520  
09 45 151 1520 XL<sup>1)</sup>

Assembly tool  
for 09 45 151 1520

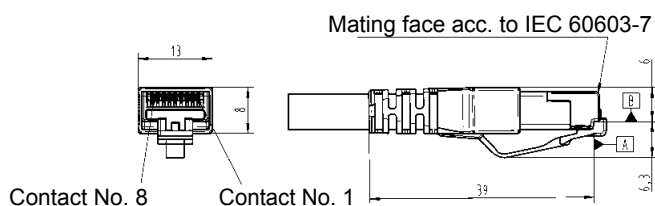
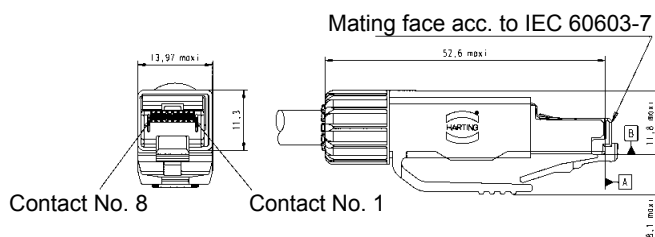
09 45 800 0520

Compact version

09 45 151 1525<sup>1)</sup>

Assembly tool  
for 09 45 151 1525

09 45 800 0025



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