




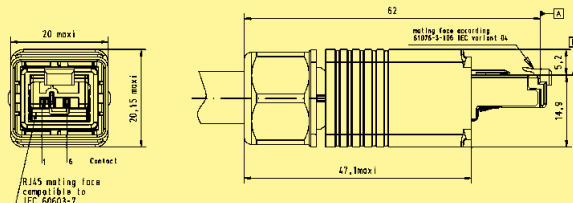
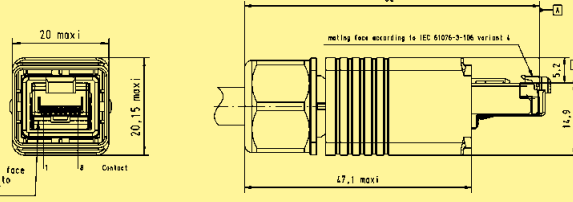
HARTING PushPull Technology acc. to IEC 61 076-3-106 variant 4 RJ45-connector

Advantages

- Ethernet connector based on RJ45
- Fully shielded, 360° shielding contact
- Field-assembly connector with IDC contacts (Cat. 5 versions) or piercing contacts (Cat. 6 versions)

Technical characteristics

Locking	PushPull Technology acc. to IEC 61 076-3-106 variant 4
Degree of protection	IP 65 / IP 67
Mating face	RJ45 acc. to IEC 60 603-7
Cable diameter	4.9 ... 8.6 mm
Termination cross section	
Cat. 5	AWG 24/7 ... AWG 22/7 (stranded) AWG 23/1 ... AWG 22/1 (solid)
Cat. 6	AWG 24/7 ... AWG 28/7 (stranded)
Mating cycles	min. 750
Temperature range	-40 °C ... +70 °C
Housing material	Plastic, black
Flammability acc. to UL 94	V 0
	UL approval (E102079)

Identification	Part No.	Drawing	Dimensions in mm
Connector, 4-poles Cat. 5 incl. housing with RJ45 connector, shielding and cable gland	09 45 145 1100 09 45 195 1100 (metal version)		
Connector, 8-poles Cat. 6 incl. housing with RJ45 connector, shielding and cable gland			
Wire manager white	09 45 145 1500 09 45 195 1500 (metal version)		
Wire manager blue	09 45 145 1510 09 45 195 1510 (metal version)		
New Cat. 6_A version (available Q3/2012)	09 45 145 1520 09 45 195 1520 (metal version)		
System cables in different versions		Reference note: For cat. 6 patch cords it is recommended to use one connector with a white wire manager and one with an blue cable manager, in order to optimise the crosstalk between different signal pairs.	
		see catalogue "Intelligent Network Solutions"	