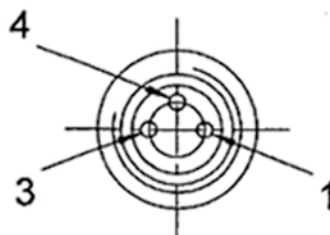


View of the jack of the 3-pin plug connector



Contact assignment

- 1 = BN → H1
- 3 = WH → H2
- 4 = Shield → SH

Technical data

Parameter	Value	Unit
Plug connector	3-pin, M8 socket plug straight Screw connection Knurled nut not connected to shield	
Coupling nut material	Brass, nickel plated	
Plug material	PVC	
Insulator material	PBT, self-extinguishing	
Contacts	gold plated	
Shielding	electrical connect to the metal plug housing	
Operating voltage max.	28	VDC
Current load voltage max.	150	mA
Polution degree according to IEC 60 664-1	3	
Testing voltage	1.0	kV
Environmental protection according to EN 60529	IP 67 (only in plugged condition)	
Cable structure	LIYC11Y- 2x0,25	mm ²
Shielding	Copper-plait, tin-plated, covering about 85%	
Cable covering	PVC	
Bent radius min.	70	mm
Temperatur range	dynamic use -5 up to +70 static use -30 up to +80	°C
Halogen free	no	
Burning behaviour	test class B according to VDE 0472 part 804 and according to IEC 332-1	
Characteristics of the PVC cable covering	self-extinguishing, flame-resistant	

Typ table

Line length (Meters)	Description	Part No.
5	Cable 5m, PVC	44537-7105
10	Cable 10m, PVC	44537-7110
20	Cable 20m, PVC	44537-7120
25	Cable 25m, PVC	44537-7125

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