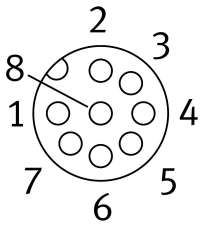
Plug socket with cable
NEBU-M12W8-K-5-N-LE8

Part number: 542257





Data sheet

Feature	Value
Conforms to standard	EN 61076-2-101
Cable designation	Without label holder
Product weight	292 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	8
Electrical connection 1, occupied pins/wires	8
Electrical connection 1, type of mounting	Screw-type lock Rotatable Compatible with rotatable/non-rotatable screw-type lock
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	8
Electrical connection 2, occupied pins/wires	8
DC operating voltage range	0 V...30 V
Operating voltage range AC	0 V...30 V
Current rating at 40° C	2 A
Surge resistance	0.8 kV
Shield	Yes
Cable length	5 m
Cable characteristic	Standard
Bending radius, fixed cable installation	32 mm
Bending radius, flexible cable installation	66 mm
Cable diameter	6.3 mm
Cable diameter tolerance	± 0.2 mm
Cable design	8 x 0.25 mm²

Feature	Value
Nominal conductor cross section	0.25 mm²
Wire ends	Tin-plated
Degree of protection	IP67
Note on degree of protection	In mounted state
Ambient temperature	-25 °C...80 °C
Ambient temperature with flexible cable installation	-5 °C...80 °C
CE marking (see declaration of conformity)	As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Contamination level	3
Note on the contamination level	In mounted state
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Housing material	TPE-U(PUR)
Material of screw-type lock	Brass, chrome-plated
Seals material	NBR
Material of pin contacts	Gold-plated copper alloy
Insulating sheath material	PP