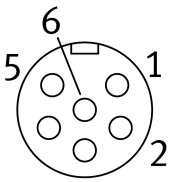
Connecting cable
NEBP-M16W6-K-2-M9W5

Part number: 575898





Data sheet

Feature	Value
Additional functions	Product-specific pin assignment
Cable designation	With accessories
Product weight	160 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	M16x0.75
Electrical connection 1, number of pins/wires	6
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection 2, function	Control side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Angled
Electrical connection 2, connection technology	M9x0.5
Electrical connection 2, number of pins/wires	5
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Screw-type lock
DC operating voltage range	0 V...30 V
Current rating at 40° C	3 A
Note on acceptable current load at 40°C	2.3 A for 0.34 mm² 3.6 A for 0.49 mm²
Surge resistance	0.5 kV
Shield	Yes
Cable length	2 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, flexible cable installation	75 mm
Cable diameter	5.5 mm

Feature	Value
Cable design	2 x 0.25 mm² + 2 x 0.34 mm² + 0.49 mm²
Nominal conductor cross section	0.25 mm² 0.34 mm² 0.49 mm²
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Ambient temperature	-20 °C...70 °C
Ambient temperature with flexible cable installation	-5 °C...70 °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	1
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Light gray
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Material of pin contacts	Gold-plated bronze Gold-plated brass
Insulating sheath material	TPE-U(PUR)