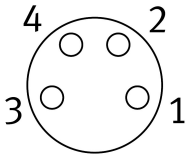
Connecting cable
NEBL-M8W4-E-1-N-M8W4

Part number: 8065105





Data sheet

Feature	Value
Conforms to standard	EN 61076-2-104
Certification	c UL us - Listed (OL)
Explosion prevention and protection	Observe the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX)
Certificate issuing authority	UL E253748
Cable designation	Without label holder
Product weight	47 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	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock with hexagon AF 9 and longitudinal knurl
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	M8x1 A-coded as per EN 61076-2-104
Electrical connection 2, number of pins/wires	4
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Screw-type lock with hexagon AF 9 and longitudinal knurl
DC operating voltage range	0 V...30 V
Nominal operating voltage DC	24 V
Operating voltage range AC	0 V...30 V
Nominal operating voltage AC	24 V
Current rating at 40° C	5.2 A
Surge resistance	0.8 kV

Feature	Value
Protective earth connection	Not available
Shield	No
Cable length	1 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	15 mm
Bending radius, flexible cable installation	50 mm
Cable diameter	4.8 mm
Cable diameter tolerance	± 0.15 mm
Cable design	4 x 0.5 mm²
Nominal conductor cross section	0.5 mm²
Degree of protection	IP65 IP67 IP69K
Note on degree of protection	In mounted state
Special features	Oil-resistant
Ambient temperature	-40 °C...90 °C
Ambient temperature with flexible cable installation	-20 °C...90 °C
Storage temperature	-40 °C...90 °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 Halogen-free
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Black
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Seals material	FPM
Material of pin contacts	Gold-plated copper alloy
Insulating sheath material	PP