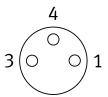
Connecting cable NEBA-M8W3N-U-5-N-LE3 Part number: 8078263

FESTO





Data sheet

Feature	Value
Conforms to standard	EN 61076-2-104 EN 61984
Certification	c UL us - Listed (OL)
Intended use	The connecting cable connects field devices (sensors, actuators) with controllers.
Certificate issuing authority	UL E253748
Cable designation	Without label holder
Contact durability	100
Product weight	96 g
Application note	Meets the requirements of IEC 61010-1 and 61010-2-202, in particular for electrically operated valves from Festo. Only energy-limited circuits with a maximum current of 4 A at a max. open circuit voltage of 30 VDC are permitted to be used for supplying electrically actuated valves from Festo.
Electrical connection 1, function	Field device end
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	3
Electrical connection 1, occupied pins/wires	3
Electrical connection 1, type of mounting	Screw-type lock with hexagon AF 9 and longitudinal knurl rotatable Compatible with rotatable/non-rotatable screw lock
Electrical connection 1, terminal allocation	Pin 1 = BN Pin 3 = BU Pin 4 = BK
Electrical connection 1, display	Status indicator LED green Switching status indication, yellow LED for NPN N/O contact
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	3

Electrical connection 2, terminal allocation Pin 3 = 8U Pin 4 = 8K Electrical connection 2, display Without DC operating voltage range 10 V30 V Current rating at 40°C 4A Observe derating Surge resistance Observe derating Surge resistance Cable ineight Sirve consistance Cable ineight Sirve conditions on request of the conditions o	Feature	Value
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Pin 4 = BK	Electrical connection 2, terminal allocation	
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Relative air humidity Max. 93% at 40 °C <= 2000 m NHN Overvoltage category II 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 Suitability for the production of Li-ion batteries Product corresponds to Festo's internal product definition for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils	Storage temperature	-25 °C55 °C
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Product corresponds to Festo's internal product definition for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils	UKCA marking (see declaration of conformity)	To UK RoHS instructions
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Class 4 according to ISO 14644-1	Suitability for the production of Li-ion batteries	battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug
	Cleanroom class	Class 4 according to ISO 14644-1

Feature	Value
Note on materials	CFC-free ROHS-compliant Cadmium-free Halogen-free Free of phosphoric acid ester
Contamination level	3
Note on the contamination level	In mounted state
Corrosion resistance class (CRC)	1 - Low corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Gray
Housing material	TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Die-cast zinc, nickel-plated
Seals material	FPM
Material of pin contacts	Copper alloy, gold-plated
Insulating sheath material	PP