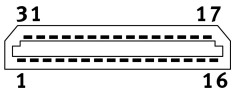
One-way flow control valve
NEBM-SF1W31-EH-10-Q15N-LE14

Part number: 8113310





Data sheet

Feature	Value
Conforms to standard	DIN 47100
Cable designation	Without label holder
Contact durability	30
Product weight	2960 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Angled
Electrical connection 1, information on cable outlet	90°
Electrical connection 1, connection technology	Connection pattern F1
Electrical connection 1, number of pins/wires	31
Electrical connection 1, occupied pins/wires	31
Electrical connection 1, type of mounting	Snap-locking
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	14
Electrical connection 2, occupied pins/wires	14
DC operating voltage range	0 V...50 V
Nominal operating voltage DC	24 V
Current rating at 40° C	0.5 A
Surge resistance	0.25 kV
Cable length	10 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	49.5 mm
Bending radius, flexible cable installation	74.25 mm
Cable diameter	9.9 mm
Cable diameter tolerance	± 0.2 mm
Cable design	1 x (6 x 0.35 mm²) + 2 x (4 x 0.15 mm²)
Nominal conductor cross section	0.15 mm² 0.35 mm²

Feature	Value
Wire ends	Wire ferrule
Degree of protection	IP20
Note on degree of protection	In mounted state
Ambient temperature	-20 °C...75 °C
Ambient temperature with flexible cable installation	-5 °C...70 °C
Storage temperature	-25 °C...55 °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 Zone III
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	Black
Housing material	PA
Housing colour	Black
Material of pin contacts	Tin-plated, high-alloy steel