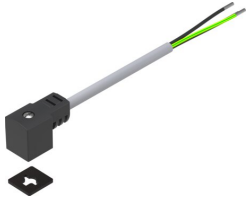


# Connecting cable NEBV-C1SW3-K-2.5-N-LE3-S9

Part number: 8032628

FESTO



 General operating condition

## Data sheet

Feature	Value
Cable designation	Without inscription label holder
Frequency of connection	50
Product weight	125 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Socket, narrow
Electrical connection 1, cable outlet	Angled
Electrical connection 1, note on cable outlet	180° rotatable
Electrical connection 1, connector system	Plug pattern type C to EN 175301-803
Electrical connection 1, number of connections/cores	4
Electrical connection 1, used connections/cores	4
Electrical connection 1, type of mounting	On solenoid valve via M2.5 central screw
Electrical connection 1, connection pattern	00995798
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	3
Electrical connection 2, used connections/cores	3
Operational voltage range DC	0 V ... 230 V
Operational voltage range AC	0 V ... 230 V
Current rating at 40° C	6 A
Immunity to surge	4 kV
Reverse polarity protection	Bipolar
Protective conductor connection	Available
Cable length	2.5 m
Cable characteristic	Standard
Test conditions cable	Test conditions on request
Bending radius, moving cable	≥52 mm
Cable diameter	5.2 mm
Cable diameter tolerance	± 0.1 mm
Cable structure	3 x 0.5 mm <sup>2</sup>
Nominal cross section conductor	0.5 mm <sup>2</sup>
Degree of protection	IP65 IP67
Note on degree of protection	In assembled state
Ambient temperature	-20 °C ... 70 °C

<b>Feature</b>	<b>Value</b>
Ambient temperature with moving cable	-5 °C ... 70 °C
CE mark (see declaration of conformity)	To EU Low Voltage Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK regulations for electrical equipment
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant
Pollution degree	3
Note on the contamination level	In mounted state
Corrosion resistance class CRC	3 - high corrosion stress
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	TPE-U(PU)
Housing colour	Black
Material screws	Stainless steel
Material seals	HNBR
Material electrical contact	Copper alloy, tin-plated
Material insulating sheath	PVC