

# connecting cable

## NEBV-S1G25-K-5-N-LE25-S6

Part number: 575418

FESTO



## Data sheet

Feature	Value
Based on the standard	DIN 47100
Cable identification	Without inscription label holder
Connection frequency	50
Product weight	930 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connection technology	Sub-D
Electrical connection 1, number of pins/wires	25
Electrical connection 1, occupied pins/wires	25
Electrical connection 1, type of mounting	2 screws 4-40 UNC
Electrical connection 2, function	Controller side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Open end
Electrical connection 2, number of pins/wires	25
Electrical connection 2, occupied pins/wires	25
Operating voltage range DC	0 ... 30 V
Acceptable current load at 40°C	2.6 A
Surge strength	2.4 kV
Polarity protected	Yes
Cable length	5 m
Cable attribute	Standard
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	≥ 42 mm
Bending radius, flexible cable installation	≥ 126 mm
Cable diameter	10.2 mm
Cable diameter tolerance	± 0,25 mm
Cable structure	25x0,34
Nominal conductor cross-section	0.34 mm <sup>2</sup>
Wire ends	Cut off bluntly
Protection class	IP40
Note on degree of protection	in assembled condition
Ambient temperature	-35 ... 80 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
Storage temperature	-25 ... 75 °C
CE mark (see declaration of conformity)	in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Degree of contamination	2
Corrosion resistance classification CRC	0 - No corrosion stress
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	Reinforced PC
Housing colour	Black
Material screws	Nickel-plated brass
Material electrical contact	Bronze Gold plated
Material insulation	PVC