

# Connecting cable

## NEBV-C-S7WA44HS-K-2.5-N-LE36-S10

FESTO

Part number: 577376



 General operating condition

### Data sheet

Feature	Value
Based on standard	DIN 47100
Cable designation	Without inscription label holder
Frequency of connection	50
Product weight	500 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connector system	Sub-D
Electrical connection 1, number of connections/cores	44
Electrical connection 1, used connections/cores	36
Electrical connection 1, type of mounting	2x screw 4-40 UNC With seal
Electrical connection 1, connection pattern	00995646
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Open end
Electrical connection 2, number of connections/cores	36
Operational voltage range DC	0 V ... 30 V
Current rating at 40° C	0.86 A
Protective conductor connection	Not provided
Cable length	2.5 m
Cable characteristic	Standard
Bending radius, fixed cable	≥39 mm
Bending radius, moving cable	≥115 mm
Cable diameter	9.6 mm
Cable diameter tolerance	±0.2 mm
Cable structure	36 x 0.25 mm <sup>2</sup>
Nominal cross section conductor	0.25 mm <sup>2</sup>
Degree of protection	IP65 IP67 IP69K
Note on degree of protection	In mounted state
Special characteristics	Easy to clean
Ambient temperature	-5 °C ... 60 °C
Ambient temperature with moving cable	-5 °C ... 60 °C

<b>Feature</b>	<b>Value</b>
Storage temperature	-20 °C ... 40 °C
CE mark (see declaration of conformity)	In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
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	Reinforced PA
Housing colour	Grey
Material screws	Stainless steel
Material seals	EPDM
Material electrical contact	Gold-plated bronze
Material insulating sheath	PVC