

# Connecting cable NEBC-C-S1WA9HS-K-2.5-N-B-LE5-PT-S10

Part number: 2376018

**FESTO**



 General operating condition

## Data sheet

Feature	Value
Based on standard	DIN 47100
Protocol	I-Port
Cable designation	Without inscription label holder
Frequency of connection	50
Product weight	300 g
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
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	9
Electrical connection 1, used connections/cores	5
Electrical connection 1, type of mounting	2x screw 4-40 UNC With seal
Electrical connection 1, connection pattern	00995638
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	5
Operational voltage range DC	0 V ... 30 V
Current rating at 40° C	5.2 A
Protective conductor connection	Not available
Cable length	2.5 m
Cable characteristic	Standard
Bending radius, fixed cable	≥26 mm
Bending radius, moving cable	≥78 mm
Cable diameter	6.5 mm
Cable diameter tolerance	± 0.1 mm
Cable structure	5 x 0.5 mm <sup>2</sup>
Nominal cross section conductor	0.5 mm <sup>2</sup>
Degree of protection	IP65 IP67 IP69K
Note on degree of protection	In assembled state
Special characteristics	Easy to clean
Ambient temperature	-5 °C ... 60 °C

Feature	Value
Ambient temperature with moving cable	-5 °C ... 60 °C
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	PA-reinforced
Housing colour	grey
Material screws	Stainless steel
Material seals	EPDM
Material electrical contact	Gold-plated bronze
Material insulating sheath	PVC