

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

FESTO

Part number: 2376018



 General operating condition

## Data sheet

Feature	Value
Based on norm	DIN 47100
Protocol	I-Port
Cable designation	Without label holder
Contact durability	50
Product weight	300 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, connection technology	Sub-D
Electrical connection 1, number of pins/wires	9
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	2x 4-40 UNC screw With seal
Electrical connection for input 1, connection pattern	00995638
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	5
DC operating voltage range	0 V ... 30 V
Current rating at 40° C	5.2 A
Protective earth connection	Not available
Cable length	2.5 m
Cable characteristic	Standard
Bending radius, fixed cable installation	≥26 mm
Bending radius, flexible cable installation	≥78 mm
Cable diameter	6.5 mm
Cable diameter tolerance	± 0.1 mm
Cable design	5 x 0.5 mm <sup>2</sup>
Nominal conductor cross section	0.5 mm <sup>2</sup>
Degree of protection	IP65 IP67 IP69K
Note on degree of protection	In mounted state
Special features	Easy to clean
Ambient temperature	-5 °C ... 60 °C

<b>Feature</b>	<b>Value</b>
Ambient temperature with flexible cable installation	-5 °C ... 60 °C
Storage temperature	-20 °C ... 40 °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-B2-L
Note on materials	RoHS compliant
Contamination level	3
Note on the contamination level	In mounted state
Corrosion resistance class (CRC)	3 - High corrosion stress
Material of cable sheath	PVC
Color cable sheath	Gray
Housing material	PA-reinforced
Housing colour	Gray
Material of screws	High-grade steel
Seals material	EPDM
Material of pin contacts	Gold-plated bronze
Insulating sheath material	PVC