

# Control cable NEBC-S1G25-K-2.5-N-LE26

Part number: 552254

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Cable designation	Without inscription label holder
Mounting position	Any
Product weight	570 g
Electrical connection 1	Straight plug connector, Sub-D, 25-pin
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Straight
Electrical connection 1, connector system	Sub-D
Electrical connection 1, number of connections/cores	25
Electrical connection 1, used connections/cores	25
Electrical connection 1, type of mounting	2x screw 4-40 UNC
Electrical connection 1, connection pattern	00995643
Electrical connection 2	open-ended, 26-core
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	26
Electrical connection 2, used connections/cores	26
Operational voltage range DC	0 V ... 30 V
Nominal operating voltage DC	24 V
Current rating at 40° C	3.9 A
Permissible current load	3.9 A
Immunity to surge	0.8 kV
Shielding	Yes
Cable length	2.5 m
Cable characteristic	Standard
Test conditions cable	Bending strength: to Festo standard
Min. cable bending radius	220 mm
Bending radius, fixed cable	≥220 mm
Cable diameter	10.8 mm
Cable diameter tolerance	±0.2 mm
Cable structure	5 x (2 x 0.25 mm <sup>2</sup> ) + 16 x 0.25 mm <sup>2</sup>
Nominal cross section conductor	0.25 mm <sup>2</sup>
Connection cross section	0.25 mm <sup>2</sup>

<b>Feature</b>	<b>Value</b>
Wire ends	Wire ferrule Crimp pin terminal
Degree of protection	IP20
Note on degree of protection	In mounted state
Ambient temperature	-30 °C ... 80 °C
Ambient temperature with moving cable	-5 °C ... 80 °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
Corrosion resistance class CRC	0 - No corrosion stress
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	Nickel-plated die-cast zinc
Material electrical contact	Tin-plated copper alloy Nickel-plated and gold-plated
Material insulating sheath	PVC