

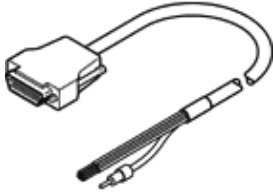
# control cable

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

Part number: 552254

FESTO

Suitable for motor controller CMMS-ST and CMMP-AS.



## Data sheet

Feature	Value
Cable identification	Without inscription label holder
Assembly position	Any
Product weight	570 g
Electrical connection 1	Straight plug, Sub-D, 25-pin
Electrical connection 1, function	Field device side
Electrical connection 1, design	Angular
Electrical connection 1, connection type	Plug
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	Open end, 26-wire
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	26
Electrical connection 2, occupied pins/wires	26
Operating voltage range DC	0 ... 30 V
Nominal operating voltage DC	24 V
Acceptable current load at 40°C	3.9 A
Permissible current load	3.9 A
Surge strength	0.8 kV
Shielding	Yes
Cable length	2.5 m
Cable attribute	Standard
Test conditions of cable	Bending strength according to Festo standard
Min. cable bending radius	220 mm
Bending radius, fixed cable installation	≥ 220 mm
Cable diameter	10.8 mm
Cable diameter tolerance	± 0,2 mm
Cable structure	5x(2x0,25)+16x0,25
Nominal conductor cross-section	0.25 mm <sup>2</sup>
Terminal cross-section	0.25 mm <sup>2</sup>
Wire ends	Wire end ferrule Pin terminal
Protection class	IP20
Note on degree of protection	in assembled condition
Ambient temperature	-30 ... 80 °C
Ambient temperature with flexible cable installation	-5 ... 80 °C
CE symbol (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

Feature	Value
Corrosion resistance classification CRC	0 - No corrosion stress
Material cable sheath	PVC
Cable sheath color	Grey
Material housing	Nickel-plated die-cast zinc
Material electrical contact	Copper alloy, tinned Nickel and gold plated
Material insulation	PVC