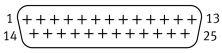
Control cable
NEBC-S1G25-K-2.5-N-LE26

Part number: 552254





Data sheet

Feature	Value
Cable designation	Without label holder
Mounting 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	Square
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	2x 4-40 UNC screw
Electrical connection 2	Open end, 26-core
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	26
Electrical connection 2, occupied pins/wires	26
DC operating voltage range	0 V...30 V
Nominal operating voltage DC	24 V
Current rating at 40° C	3.9 A
Current rating	3.9 A
Surge resistance	0.8 kV
Shield	Yes
Cable length	2.5 m
Cable characteristic	Standard
Connector cable test conditions	Flexural strength: as per 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

Feature	Value
Cable design	5 x (2 x 0.25 mm²) + 16 x 0.25 mm²
Nominal conductor cross section	0.25 mm²
Connection cross section	0.25 mm²
Wire ends	Wire ferrule Pin terminal
Degree of protection	IP20
Note on degree of protection	In mounted state
Ambient temperature	-30 °C...80 °C
Ambient temperature with flexible cable installation	-5 °C...80 °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
Corrosion resistance class (CRC)	0 - No corrosion stress
Material of cable sheath	PVC
Color cable sheath	Gray
Housing material	Die-cast zinc, nickel-plated
Material of pin contacts	Tin-plated, high-alloy steel Nickel-plated and gold-plated
Insulating sheath material	PVC