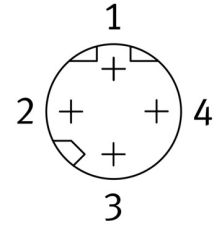


# Connecting cable NEBC-D8W4-ES-0.5-N-S-D8W4-ET

Part number: 8065124

FESTO



## Data sheet

Feature	Value
Type code	NEBC
Nominal conductor cross section	AWG22
Shield	yes
Based on norm	EN 61076-2-114
Cable designation	Without label holder
Contact durability	100
Product weight	46 g
Electrical connection 1, function	Control side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	M8x1, D-coded as per EN 61076-2-114
Electrical connection 1, number of pins/wires	4
Electrical connection 1, occupied pins/wires	4
Electrical connection 1, type of mounting	Screw-type lock with longitudinal knurl
Electrical connection for input 1, connection pattern	00995938
Electrical connection 2, function	Control side
Electrical connection 2, design	Round
Electrical connection 2, connection type	Plug
Electrical connection 2, cable outlet	Angled
Electrical connection 2, connection technology	M8x1, D-coded as per EN 61076-2-114
Electrical connection 2, number of pins/wires	4
Electrical connection 2, occupied pins/wires	4
Electrical connection 2, type of mounting	Screw-type lock with longitudinal knurl
Electrical connection 2, connection pattern	00995938
DC operating voltage range	0 V ... 30 V
Nominal operating voltage DC	24 V
Current rating at 40°C	3 A
Surge resistance	1.5 kV
Reverse polarity protection	no
Protective earth connection	Not available
Cable length	0.5 m
Cable characteristic	Suitable for energy chains
Connector cable test conditions	Test conditions on request

Feature	Value
Bending radius, fixed cable installation	≥20 mm
Bending radius, flexible cable installation	≥75 mm
Cable diameter	6.3 mm
Cable diameter tolerance	± 0.2 mm
Cable design	1 x (4 x AWG22)
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state
Special features	Oil-resistant
Ambient temperature	-20 °C ... 60 °C
Ambient temperature with flexible cable installation	-5 °C ... 60 °C
Storage temperature	-40 °C ... 70 °C
Note on materials	RoHS-compliant Halogen-free
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	TPE-U(PUR)
Color cable sheath	Silver-grey with sky blue stripe
Housing material	PA TPE-U(PUR)
Housing colour	Black
Material of screw-type lock	Brass, nickel-plated
Seals material	NBR
Material of pin contacts	Copper alloy, gold-plated
Insulating sheath material	PP
Transmission characteristics	as per system communication AP