

# Connecting cable NEBB-M12W5-P-2.5-LE5

Part number: 8066685

FESTO



## Data sheet

Feature	Value
Conforms to standard	Wire colors and connection numbers as per EN 60947-5-2 EN 61076-2-101
Explosion prevention and protection	Observe the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX)
Cable designation	With label holder
Electrical connection 1, function	Field device end
Electrical connection 1, design	Round
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	5
Electrical connection 1, occupied pins/wires	5
Electrical connection 1, type of mounting	Screw-type lock with AF 13
Electrical connection for input 1, connection pattern	00995384
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
Electrical connection 2, occupied pins/wires	5
DC operating voltage range	0 V ... 60 V
Operating voltage range AC	0 V ... 60 V
Current rating at 40° C	4 A
Surge resistance	1.5 kV
Cable length	2.5 m
Cable characteristic	for static applications
Connector cable test conditions	Test conditions on request
Bending radius, fixed cable installation	≥14 mm
Cable diameter	4.5 mm
Cable design	5 x 0.25 mm <sup>2</sup>
Nominal conductor cross section	0.25 mm <sup>2</sup>
Wire ends	Stripped Cut off bluntly
Degree of protection	IP65 IP68 IP69K
Note on degree of protection	In mounted state

Feature	Value
Ambient temperature	-25 °C ... 70 °C
CE marking (see declaration of conformity)	As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom class	Class 4 according to ISO 14644-1
Note on materials	RoHS-compliant
Contamination level	3
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Material of cable sheath	PVC
Color cable sheath	Gray
Housing material	TPE-U(PU)
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	PVC