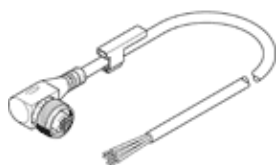
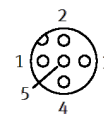


# connecting cable

## NEBB-M12W5-P-2.5-LE5

Part number: 8066685

FESTO



## Data sheet

Feature	Value
Conforms to standard	Core colours and connection numbers to EN 60947-5-2 EN 61076-2-101
Cable identification	With inscription label holder
Electrical connection 1, function	Field device side
Electrical connection 1, design	Round
Electrical connection 1, connection type	Plug socket
Electrical connection 1, cable outlet	Angled
Electrical connection 1, connection technology	M12x1, A-coded in accordance with 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 lock with A/F13
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	5
Electrical connection 2, occupied pins/wires	5
Operating voltage range DC	0 ... 60 V
Operating voltage range AC	0 ... 60 V
Acceptable current load at 40°C	4 A
Surge strength	1.5 kV
Cable length	2.5 m
Cable attribute	For static applications
Test conditions of cable	Test conditions on request
Bending radius, fixed cable installation	≥ 14 mm
Cable diameter	4.5 mm
Cable structure	5x0,25
Nominal conductor cross-section	0.25 mm <sup>2</sup>
Wire ends	Sheath removed Cut off bluntly
Protection class	IP65 IP68 IP69K
Note on degree of protection	in assembled condition
Ambient temperature	-25 ... 70 °C
CE mark (see declaration of conformity)	to EU directive low-voltage devices in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment To UK RoHS instructions
PWIS conformity	VDMA24364-B2-L
Cleanroom class	ISO class 4
Materials note	Conforms to RoHS
Degree of contamination	3
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Material cable sheath	PVC
Cable sheath colour	Grey
Material housing	TPE-U(PU)

Feature	Value
Housing colour	Black
Material screw-type lock	Nickel-plated brass
Material seals	NBR
Material electrical contact	Gold-plated copper alloy
Material insulation	PVC