

Connecting cables for controllers, M9x0.5

Type codes

		NEBC	-	M9	W	5	-	K	-		-	N	-	LE	3
Function															
NEBC	Connecting cables for control systems														
Connection technology on the left, controller side															
M9	Plug M9x0.5														
Cable outlet on the left															
W	Angled														
Number of pins/wires, left															
5	5-pin														
Cable characteristics															
K	Standard														
Cable length															
2	2 m														
5	5 m														
Cable identification															
N	Without label holder														
Connection technology on the right, field device side															
LE	Open end														
Number of pins/wires, right															
3	3-wire														

Connecting cables for controllers, M9x0.5

Technical data

Connecting cable NEBC-M9W5

- Connecting cable with 5-pin plug M9x0.5
- Pre-assembled at one end
- For connecting valves
- Cable lengths: 2 m and 5 m
- Suitable for CPX-CM-HPP



General technical data	
Cable identification	With accessories

Technical data – Electrical connection 2	
Function	Controller side
Connection type	Plug
Cable outlet	Angled
Design	Round
Connection technology	M9x0.5
Number of poles/wires	5
Assigned pins/wires	3
Type of mounting	Screw-type lock

Technical data – Electrical connection 1	
Function	Field device side
Connection type	Cable
Connection technology	Open end
Wire ends	Wire end sleeve
Number of poles/wires	5
Assigned pins/wires	3

Technical data – Electrical		
Operating voltage range	[V DC]	0 ... 30
Surge resistance	[kV]	0.5
Current rating at 40 °C	[A]	1.6
Information on current rating at 40 °C		2.3 A for 0.34 mm ²
		3.6 A for 0.49 mm ²
Contamination level		1

Technical data – Cable			
Cable diameter	[mm]	5.5	
Cable design	[mm ²]	2x0.25 + 2x0.34 + 0.49	
		Shielded	
Nominal conductor cross section	[mm ²]	0.25	0.34
			0.49
Cable characteristic		Suitable for energy chains	
Bending radius, flexible cable installation	[mm]	≥75	
Cable test conditions		Test conditions on request	

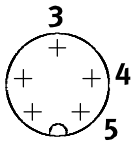
Connecting cables for controllers, M9x0.5

Technical data

Materials	
Housing	PA, PBT, TPE-U(PUR)
Housing colour	Black
Screw-type lock	Brass, nickel-plated
Pin contacts	Bronze, gold-plated
	Brass, gold-plated
Cable sheath	TPE-U(PUR)
Cable sheath colour	Light grey
Insulating sheath	TPE-U(PUR)
Note on materials	RoHS-compliant


Operating and environmental conditions		
Ambient temperature	[°C]	-20 ... +80
Ambient temperature with flexible cable installation	[°C]	-5 ... +80
Degree of protection		IP65
		IP67
Note on degree of protection		In assembled state
Corrosion resistance class CRC ¹⁾		1

1) Corrosion resistance class CRC 1 to Festo standard FN 940070
 Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).

Circuitry (view of socket/plug connector)			
Electrical connection 2	Pin	Wire colour ¹⁾	Electrical connection 1
	1	n.c.	Open end
	2	n.c.	Open end
	3	GN	Open end
	4	WH	Open end
	5	BN	Open end

1) To IEC 757

Ordering data				
	Cable length [m]	Weight [g]	Part No.	Type code
Plug M9x0.5 – open cable end	2	108	563711	NEBC-M9W5-K-2-N-LE3
	5	250	563712	NEBC-M9W5-K-5-N-LE3

Ordering data – Accessories			
		Part No.	Type code
	Inscription labels for placing on a cable with diameter 5 ... 8 mm	11x20 mm	33361 KM-BZ