

CAB-M...

- Metal coupling ring
- Integrated vibration protection
- Flexible lead design
- PUR or PVC coating
- Alternatively with LED
- Protection class IP 67



Short description

The connection cable CAB-M... series were suitable for all sensors with connection jack in industrial applications. According to the application preconfigured cable¹ with 5 m or 10 m can be used. Cables with M8 or M12 female cable connector are available for the different sensor connections.

The PUR/PVC cable with highest flexible core design has a good resistance to oil and chemicals. The female cable connector has a high electrical protection and a high protection class of IP 67. The mechanical protection can be reached by an integrated vibration protection.

Order table

Connection cable M8						
Cable length ¹	Cable material	Display	Contacts		4-pole	
			Style	3-pole	straight	right angle
5 m	PUR/PVC	with LED	—	CAB-M8-R3LP-P5	—	—
		without LED	CAB-M8-S3-P5	CAB-M8-R3-P5	CAB-M8-S4-P5	CAB-M8-R4-P5
	PVC	with LED	—	CAB-M8-R3LP-5	—	—
		without LED	CAB-M8-S3-5	CAB-M8-R3-5	CAB-M8-S4-5	CAB-M8-R4-5
10 m	PUR/PVC	with LED	—	CAB-M8-R3LP-P10	—	—
		without LED	CAB-M8-S3-P10	CAB-M8-R3-P10	CAB-M8-S4-P10	CAB-M8-R4-P10
	PVC	with LED	—	CAB-M8-R3LP-10	—	—
		without LED	CAB-M8-S3-10	CAB-M8-R3-10	CAB-M8-S4-10	CAB-M8-R4-10

Connection cable M12						
Cable length ¹	Cable material	Display	Contacts		4-pole	
			Style	3-pole	straight	right angle
5 m	PUR/PVC	with LED	—	CAB-M12-R3LP-P5	—	CAB-M12-R4LP-P5
		without LED	CAB-M12-S3-P5	CAB-M12-R3-P5	CAB-M12-S4-P5	CAB-M12-R4-P5
	PVC	with LED	—	CAB-M12-R3LP-5	—	CAB-M12-R4LP-5
		without LED	CAB-M12-S3-5	CAB-M12-R3-5	CAB-M12-S4-5	CAB-M12-R4-5
10 m	PUR/PVC	with LED	—	CAB-M12-R3LP-P10	—	CAB-M12-R4LP-P10
		without LED	CAB-M12-S3-P10	CAB-M12-R3-P10	CAB-M12-S4-P10	CAB-M12-R4-P10
	PVC	with LED	—	CAB-M12-R3LP-10	—	CAB-M12-R4LP-10
		without LED	CAB-M12-S3-10	CAB-M12-R3-10	CAB-M12-S4-10	CAB-M12-R4-10

¹ Other cable length on request.

CAB-M...

Technical Data

	Connection cable M8		Connection cable M12	
	CAB-M8...-P...	CAB-M8...	CAB-M12...-P...	CAB-M12...
Rated voltage / (Operating voltage)	max. 60 V AC/DC (with LED max. 24 V DC)		max. 250 V AC/DC (with LED max. 24 V DC)	
Rated impulse voltage	1500 V		2500 V	
Pollution degree	3		3	
Overvoltage categorie	III		III	
Material group	II		II	
Wire gauge	0,25 mm ²		0,34 mm ²	
Rated current	max. 4 A		max. 4 A	
Case protection class	IP 67		IP 67	
Locking system	screw M8 x 1 mm tightening torque 0,4 Nm		screw M12 x 1 mm tightening torque 0,6 Nm	
Cable material ²	PUR / PVC	PVC	PUR / PVC	PVC
Temperature	-25 °C ... +70 °C		-25 °C ... +70 °C	
Case material	plastic		plastic	

² Cable with UL/CSA certification on request

Connection diagram

Contacts	Cable connector		Wiring diagram	Circuit diagram with LED
	M8	M12		
3				
4				

Dimension drawing (in mm)

Connection cable M8		Connection cable M12	
CAB-M8-S...	CAB-M8-R...	CAB-M8-S...	CAB-M8-R...