

M12 round connector acc. to IEC 61076-2-104:2008

General specifications

Form	M12
Connection	male
Connection type	straight
Number of pins	8

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Contact materials	CuSn / Au
Contact surface	Au
Body	TPU, black
Sleeve connector	Diecast zinc

Cable

Sheath material	PUR
Sheath color	black
Sheath diameter	Ø 6 mm
Length	5 m ± 50mm
Core isolation	polypropylene
Number of cores	8-core
Conductor construction	14 x Ø 0,15mm
Cross-section	8x0,25 mm ²

Elektrical specifications

Operating voltage	max. 30V AC/DC
Operating current	max. 2A

General properties

Ambient temperature	-20 ... +80°C
IP protection degree acc. to EN 60529:2000	IP67/IP68/IP69K

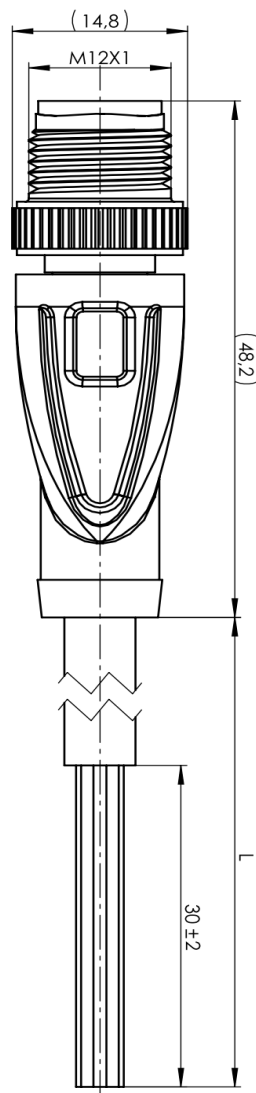
Packaging

Single package

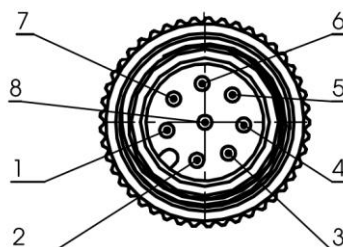
Color of cores

- 1-white
- 2-brown
- 3-green
- 4-yellow
- 5-grey
- 6-pink
- 7-blue
- 8-red

Projected view



Positions of contacts



				Zulässige Abweichung für Maße ohne Toleranzangabe Unless otherwise specified tolerances DIN ISO 2768-v	Format/Size: A4	Maßstab/Scale:	Gewicht/Weight:		
					Schutzvermerk beachten Observe protection note ISO 16016	Werkstoff: Material:			
						Benennung: Title: Round connector M12 male straight 8/8 PUR 5,00m			
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By		Ident. - Nr.: 617-202-0167			Freigabe-Nr.: Approval no.: 27182	Blatt: Sheet: 1/1
Geprüft: Checked:		07.09.2016 PAL			Ersatz für/Replacement for:				
Erstellt: Created:		07.09.2016 MANGRA							