

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

General specifications

Form	M12
Connection	female
Connection type	straight
Number of pins	3

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	grey
Sheath diameter	Ø 4,8 mm
Length	5 m ± 50mm
Core isolation	polypropylene
Number of cores	3-core
Conductor construction	19 x Ø 0,15mm
Cross-section	3x0,34 mm ²

Elektrical specifications

Operating voltage	max. 60V DC
Operating current	max. 4A

General properties

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

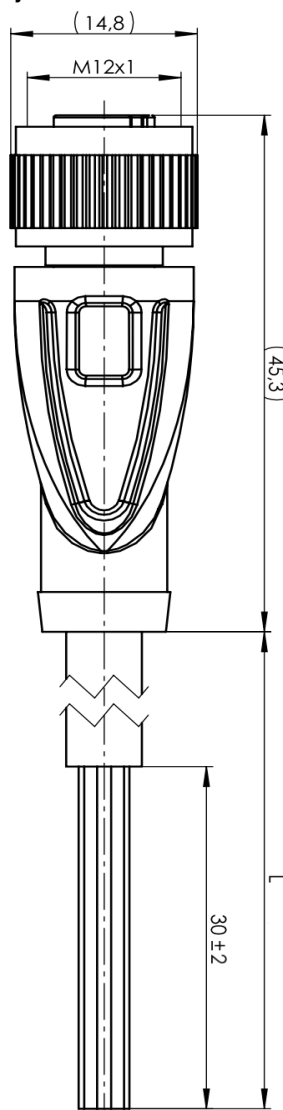
Packaging

Single package

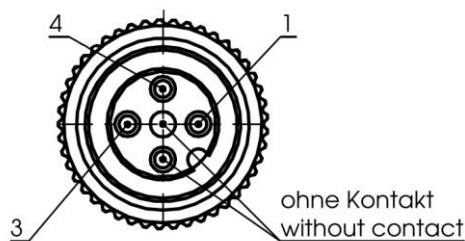
Color of cores

1-brown
3-blue
4-black

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:	Round connector M12 female straight 5/3 PUR 5,00m			
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By		Benennung: Title:					
Geprüft: Checked:	01.08.2016 PAL				Ident. - Nr.:	617-202-0193	Freigabe-Nr.: Approval no.:	26886	Blatt: Sheet:	1/1
Erstellt: Created:	01.08.2016 MANGRA				Ersatz für/Replacement for:					