

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

General specifications

Form	M12
Connection	female
Connection type	angled
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
Lenght	3 m ± 50mm
Core isolation	polypropylene
Number of cores	8-core
Conductor construction	14 x Ø 0,15mm
Cross-section	8x0,25 mm²

Elektrical specifications

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

General properties

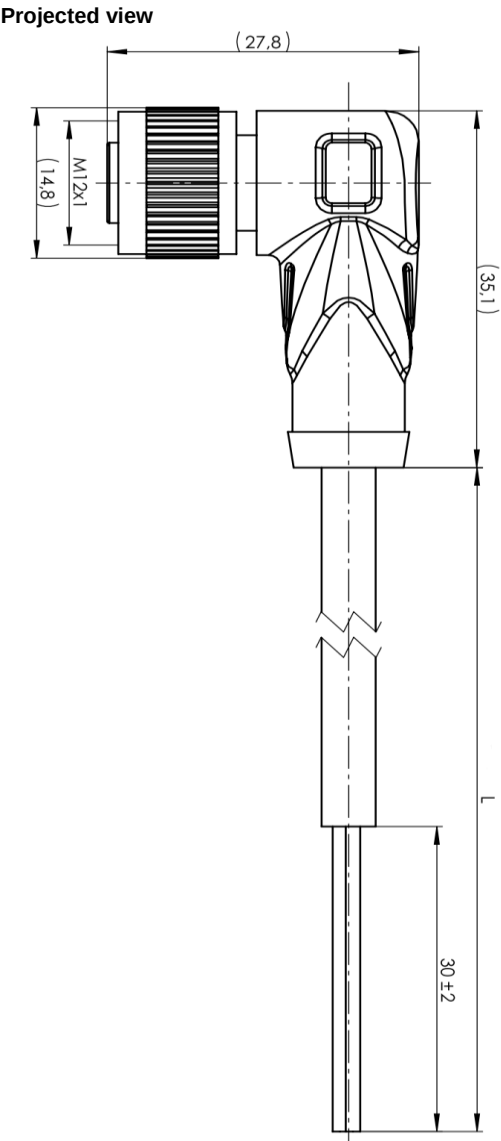
Ambient temperature	-20 ... +80°C
IP protection degree acc. to EN 60529:2000	IP67/IP68/IP69K

Packaging

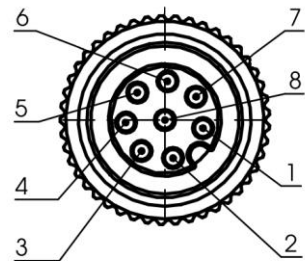
Single package

Color of cores

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



Positions of contacts



					Zulässige Abweichung für Maße ohne Toleranzangabe Unless otherwise specified tolerances	Format/Size: A4	Maßstab/Scale:	Gewicht/Weight:
					DIN ISO 2768-v	Werkstoff: Material:	Round connector M12 female angled 8/8 PUR 3,00m	
					Schutzvermerk beachten Observe protection note ISO 16016	Benennung: Title:		
Ind Rev	Änderung-Nr. Change no.	Datum Date	Name By		Ident. - Nr.: 617-202-0184	Freigabe-Nr.: Approval no.: 27182		
Geprüft: Checked:	07.09.2016 PAL				Ersatz für/Replacement for:			
Erstellt: Created:	07.09.2016 MANGRA							