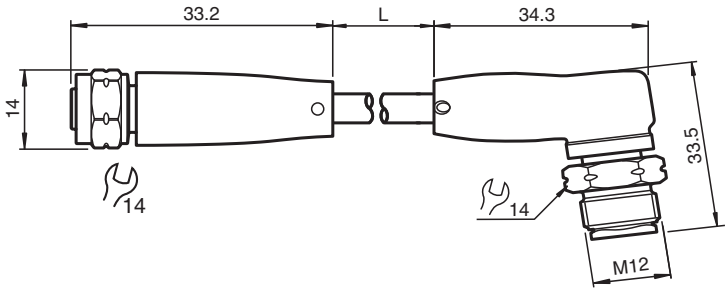


Connection cable

V1-GV4A-2M-PP-W1-V1-WV4A

- Suitable for applications in the splash area in the food and beverage industry
- Certified by ECOLAB
- Resistant to all common acid and alkaline cleaning products and disinfectants
- Degree of protection IP67 / IP68 / IP69
- Suitable for drag chains and abrasion resistant
- Halogen-free (PVC-free)
- Materials used compliant with FDA

Cordset, M12 to M12, V4A stainless steel, wash-down design, 4-pin, PP cable



Technical Data

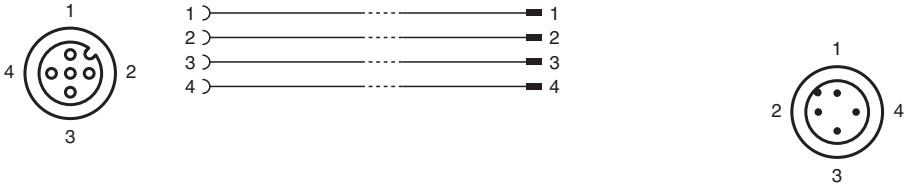
General specifications		
Number of pins		4
Connection 1		socket
Construction type 1		straight
Threading 1		M12
Connection 2		plug
Construction type 2		angled
Threading 2		M12
Electrical specifications		
Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Compliance with standards and directives		
Standard conformity		
Degree of protection		EN 60529
Standards		IEC 61076-2-101
Halogen-free		IEC 60754-1
Temperature resistance		DIN EN 60811-1-4
Material		FDA-compliant in accordance with FDA 21 CFR 177.2600
Ambient conditions		

Release date: 2026-08-21 Date of issue: 2026-08-21 Filename: 294581_eng.pdf

Technical Data

Ambient temperature		cable, movable installation: -25 ... 105 °C (-13 ... 221 °F) cable, fixed installation: -40 ... 105 °C (-40 ... 221 °F)
Pollution degree		3
Mechanical specifications		
Contact elements		spring-loaded contact socket
Pin diameter		1 mm
Degree of protection		IP67 / IP68 / IP69
Material		
Contacts		CuSn
Contact surface		Ni/Au
Body		PP
Cable		PP-EPDM
Slotted nut		stainless steel V4A
Seal		FKM
Core insulation		PP
Temperature resistance		Cold bending-resistant and cold impact-resistant up to -40 °C (-40 °F)
Cable		extra-fine wire, flexible
Sheath diameter		Ø 4.7 mm
Bending radius		> 10 x cable diameter, movable installation > 5 x cable diameter, fixed installation
Color		grey
Cores		4 x 0.34 mm²
Conductor construction		42 x 0.1 mm Ø
Length	L	2 m
Drag chain suitability		
Drag chain cycles		min. 4000000
Motion velocity		max. 3 m/s
Traverse distance		10 m
Acceleration		max. 10 m/s²
Torsion cycles		min. 4000000
Torsional stress		± 270 °/m
Mass		81.6 g
Tightening torque, cable gland		0.4 ... 0.6 Nm
Mating cycles		min. 100

Connection Assignment



Release date: 2026-08-21 Date of issue: 2026-08-21 Filename: 294581_eng.pdf