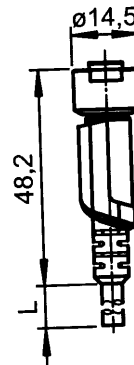
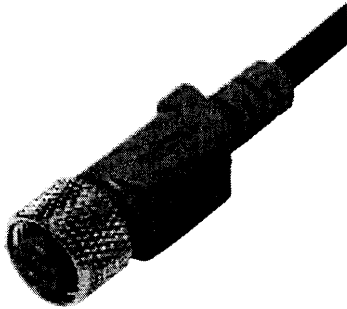


312 5002

**Round mating connectors
M12, DC**



**Mating connectors
V1-G-... straight**

- V1-G-...
- V1-G-N-...
- V1-G-N4-...
- V15-G-...

Features

- Immunity to vibration via integrated o-ring in the cap nut

Technical data

Number of poles	2, 4, 5
Operating voltage	max. 250 V DC
Current	max. 4 A
Resistance	< 5 mOhm
Contact elements	spring mounted
Pin diameter	1 mm
Contamination class	3
Colour of the head	green, yellow, blue
Materials	Cu Sn / Au
Contacts	PUR
Head	PVC or PUR
Cable covering	Cu Sn / Ni
Cap nut	NBR
Sealing	high-flexible
Cable	black, yellow or blue
Colour	2 / 4 x 0.34 mm ² , 5 x 0.25 mm ²
Leads	2 m ... 50 m
Length L	94V-2
Combustibility contact inset	94V-2
Head	flame retardent VDE 0472 / 804
Cable	IP 67
IP classification DIN 40050	- 25 °C ... 90 °C
Operating temperature	applied
UL / CSA approval	

Type	Number of poles	Metal cap nut thread	Colour		Specification	Model number / Example
			Head and contact insert	Cable covering		
V1-G-...	4	M12x1	green	black	standard	V1-G-2M-PVC
			yellow	yellow	USA version	V1-G-5M-PUR V1-G-YE2M-PUR
V1-G-N-...	2	M12x1	blue	blue	NAMUR	V1-G-N-5M-PUR
V1-G-N4-...	4					V1-G-N4-5M-PUR
V15-G-...	5	M12x1	green	black	standard (with special function)	V15-G-2M-PVC
			yellow	yellow	USA version	V15-G-YE2M-PVC

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