

GN 330

Cables with connector coupling

IP67

RoHS

• Handle

Plastic, Polyurethan-Elastomer-TPU, black colour.

• Cable (Outer sheath)

Polyurethan PUR, black colour.

• Assembly

- Type **G**: Connector coupling straight.
- Type **W**: Connector coupling 90° angled.

• Working temperature

From -40 °C to +90 °C.

• Technical data

- Insulating resistance: 10⁹ Ω.
- Degree of pollution: 3 / 2 according to ICE 60 664-1.
- Protection class: IP67 (in screwed condition) according to ICE 60 529.

• Connecting nut M12x1

Nickel plated brass.



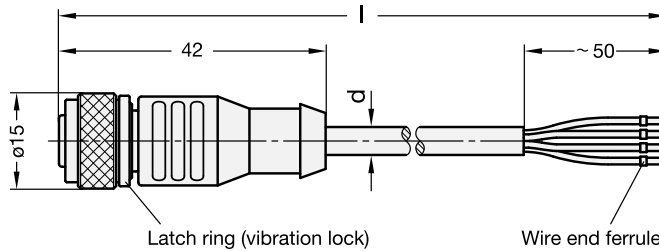
Special executions on request (For sufficient quantities)

Cable in different lengths.

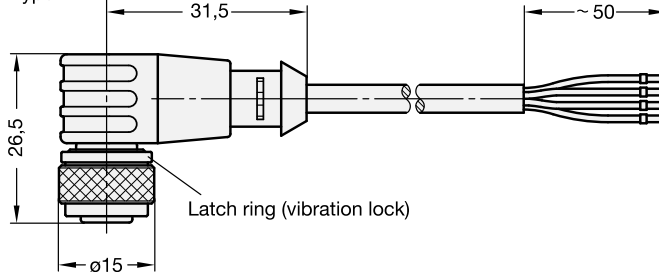
Features and applications

Cables with connector coupling M12x1 GN 330 are used in conjunction with standard elements which have an electric switching function.

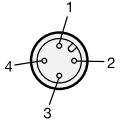
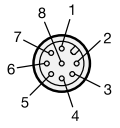
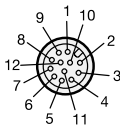
Type G



Type W



Standard Elements	Main dimensions			⚖
Description	Connector	No. of contacts	l	g
GN 330-M12x1-4-G-5	M12x1	4	5	160
GN 330-M12x1-4-G-10	M12x1	4	10	360
GN 330-M12x1-8-G-5	M12x1	8	5	260
GN 330-M12x1-8-W-5	M12x1	8	5	265
GN 330-M12x1-8-G-10	M12x1	8	10	510
GN 330-M12x1-8-W-10	M12x1	8	10	515
GN 330-M12x1-12-G-5	M12x1	12	5	250
GN 330-M12x1-12-W-5	M12x1	12	5	250
GN 330-M12x1-12-G-10	M12x1	12	10	400
GN 330-M12x1-12-W-10	M12x1	12	10	450

Cable with plug-in connector	d Outside diameter	Cross-Section	Operating voltage acc. to IEC 60 664-1	Current load rating acc. to IEC 60512-3	Contact assignment
4-pole (4-wire)	5	4 x 0.34 mm ²	max. 250 V	4 A	 1 brown 3 blue 2 white 4 black
8-pole (8-wire)	6	8 x 0.25 mm ²	max. 30 V	2 A	 1 white 5 grey 2 brown 6 pink 3 green 7 blue 4 yellow 8 red
12-pole (12-wire)	6	12 x 0.14 mm ²	max. 30 V	1.5 A	 1 brown 5 pink 9 red 2 blue 6 yellow 10 purple 3 white 7 black 11 grey/pink 4 green 8 grey 12 red/blue

The cable is flexible, no PVC, silicone and halogens, with PUR outer sheath; the wire insulation is made of polypropylene. The cable is also oil-resistant and flame-retardant in compliance with VE 0472, as well as resistant to chemicals, hydrolysis and microbes. With its resistance to welding sparks, the cable is also suitable for the adaptable use in machining processes. Approvals under UL and CSA.