

Cables with connector coupling

SPECIFICATION

Types

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

Handle (Housing)
Plastic

Cable (Outer sheath)
Polyurethan-Elastomer TPU

Cable (Outer sheath)
Polyurethan PUR
black

Temperature resistance: -40 °C ... +90 °C

Insulating resistance: > 10⁹ Ω

Degree of pollution: 3 / 2
according to EN 60664-1

Protection class: IP67
(in screwed condition)
according to EN 60529

Connecting nut M8x1 / M12x1
Brass, nickel plated

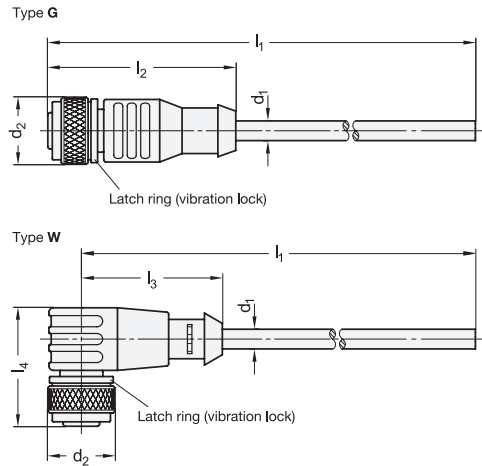


INFORMATION

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



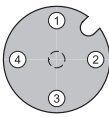
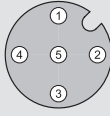
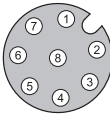
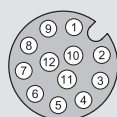
ON REQUEST

other cable lengths l₁



GN 330

Description	Connector	Number of contacts	l ₁ in m (cable length)	d ₂	l ₂	l ₃	l ₄	⚖
GN 330-M8x1-3-G-2	M 8 x 1	3	2	9.6	35	-	-	17
GN 330-M8x1-3-G-5	M 8 x 1	3	5	9.6	35	-	-	20
GN 330-M12x1-4-G-5	M 12 x 1	4	5	15	42	-	-	160
GN 330-M12x1-5-G-5	M 12 x 1	5	5	15	42	-	-	265
GN 330-M12x1-8-G-5	M 12 x 1	8	5	15	42	-	-	250
GN 330-M12x1-12-G-5	M 12 x 1	12	5	15	42	-	-	230
GN 330-M12x1-4-G-10	M 12 x 1	4	10	15	42	-	-	300
GN 330-M12x1-8-G-10	M 12 x 1	8	10	15	42	-	-	500
GN 330-M12x1-12-G-10	M 12 x 1	12	10	15	42	-	-	400
GN 330-M12x1-8-W-5	M 12 x 1	8	5	15	-	31.5	26.5	250
GN 330-M12x1-12-W-5	M 12 x 1	12	5	15	-	31.5	26.5	246
GN 330-M12x1-8-W-10	M 12 x 1	8	10	15	-	31.5	26.5	400
GN 330-M12x1-12-W-10	M 12 x 1	12	10	15	-	31.5	26.5	460

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
3-pole (3-wire) with M8x1	4	3 x 0.25 mm ²	max. 60 V	4 A	 1 - brown 3 - blue 4 - black
4-pole (4-wire) with M8x1	4.3	4 x 0.25 mm ²	max. 60 V	4 A	 1 - brown 2 - white 3 - blue 4 - black
4-pole (4-wire) with M12x1	5	4 x 0.34 mm ²	max. 250 V	4 A	 1 - brown 2 - white 3 - blue 4 - black
5-pole (5-wire) with M12x1	5	5 x 0.34 mm ²	max. 60 V	4 A	 1 - brown 2 - white 3 - blue 4 - black 5 - gray
8-pole (8-wire) with M12x1	6	8 x 0.25 mm ²	max. 30 V	2 A	 1 - white 2 - brown 3 - green 4 - yellow 5 - gray 6 - pink 7 - blue 8 - red
12-pole (12-wire) with M12x1	6	12 x 0.14 mm ²	max. 30 V	1.5 A	 1 - brown 2 - blue 3 - white 4 - green 5 - pink 6 - yellow 7 - black 8 - gray 9 - red 10 - purple 11 - gray / pink 12 - red / blue

OTHER CABLE PROPERTIES

This adaptable cable, suitable for drag chains, features an outer jacket made of PUR and a core insulation made of polypropylene. It is free of PVC, silicon and halogens. UL and CSA approvals are available.



The cable is also resistant to oil, chemical, hydrolysis, microbes and welding sparks and flame retardant under IEC 60332-2-2 which makes the cable the perfect choice in many applications.

