

## Cables with connector coupling

### SPECIFICATION

#### Types

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

Handle (Housing)

Plastic

Polyurethan-Elastomer TPU

Cable (Outer sheath)

Polyurethan PUR

black

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

Insulating resistance: > 10<sup>9</sup> 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



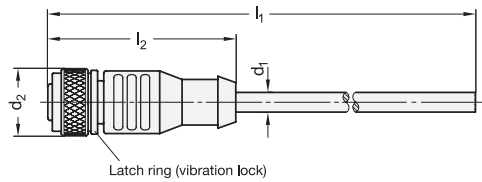
### INFORMATION

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

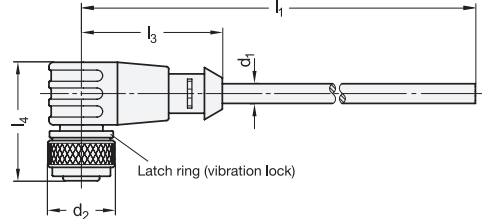
### ON REQUEST

other cable lengths  $l_1$

Type G



Type W



### 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	-	-	100
GN 330-M8x1-4-G-2	M 8 x 1	4	2	9.6	35	-	-	100
GN 330-M8x1-3-G-5	M 8 x 1	3	5	9.6	35	-	-	230
GN 330-M8x1-4-G-5	M 8 x 1	4	5	9.6	35	-	-	230
GN 330-M12x1-4-G-5	M 12 x 1	4	5	15	42	-	-	230
GN 330-M12x1-5-G-5	M 12 x 1	5	5	15	42	-	-	230
GN 330-M12x1-8-G-5	M 12 x 1	8	5	15	42	-	-	230
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	-	-	400
GN 330-M12x1-5-G-10	M 12 x 1	5	10	15	42	-	-	400
GN 330-M12x1-8-G-10	M 12 x 1	8	10	15	42	-	-	400
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	230
GN 330-M12x1-12-W-5	M 12 x 1	12	5	15	-	31.5	26.5	230
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	400

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 <sup>2</sup>	max. 60 V	4 A	1 - brown 3 - blue 4 - black
4-pole (4-wire) with M8x1	4.3	4 x 0.25 mm <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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.

