

3 Type

G Connector coupling straight

W Connector coupling 90° angled

Connector	2 Number of contacts (poles)				4 l_1 in meter (cable length)		d_2	l_2	l_3	l_4
	Type G		Type G	Type W						
M 8 x 1	3	4	-	-	2	5	9,6	35	-	-
M 12 x 1	4	5	8	12	5	10	15	42	31,5	26,5

Specification

- Handle (Housing)
Plastic
Thermoplastic polyurethane (TPU)
- Cable (Outer sheath)
Polyurethan (PUR)
Black
- Temperature resistance: -40 °C ... +90 °C
- Insulating resistance: > 10⁸ 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
- RoHS

On request

- Other cable length l_1

Information

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

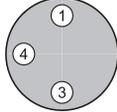
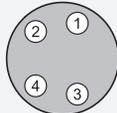
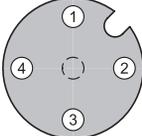
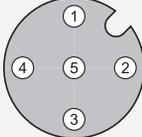
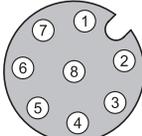
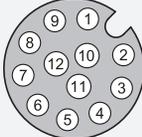
see also...

- *Hinges with Safety Switch GN 139.1* → Page 1400
- *Hinges with Safety Switch GN 139.5* → Page 1404
- *Hinges with Safety Switch GN 239.6* → Page 1406
- *Hinges with Electrical Switching Function GN 239.4* → Page 1410
- *Tubular Handles GN 331* → Page 184
- *Tubular Handles GN 332* → Page 190
- *Cabinet U-Handles GN 422* → Page 128
- *Sensor Accessories GN 893.1 ff.* → Page 838
- *Stainless Steel Indexing Plungers GN 817.6 (with Sensor)* → Page 900
- *Sensor GN 3380 (for Pneumatically Operated Clamps / Pneumatically Operated Cylinders)* → Page 850

How to order

1	Connector
2	Number of contacts
3	Type
4	l_1 (Cable length)

GN 330-M12x1-12-G-5

Cable with connector coupling (bushing)	d ₁ ≈ 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	 <ul style="list-style-type: none"> 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	 <ul style="list-style-type: none"> 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	 <ul style="list-style-type: none"> 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	 <ul style="list-style-type: none"> 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	 <ul style="list-style-type: none"> 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	 <ul style="list-style-type: none"> 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 and 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, chemicals, hydrolysis, microbes and welding sparks and flame retardant under IEC 60332-2-2 which makes the cable the perfect choice in many applications.