





Rectangular Connectors G/GO Series

The Space-Saver: Great in Performance – Small in Size

Where other connectors may find conditions too tight, the G/GO Series is right at home – and that's why the rectangular connector with its compact dimensions plays a major role in the world of miniaturization.



The Benefits

Extremely tough – especially designed for applications with persistent mechanical stress, e.g. in underground mining surroundings

Flexible to use – viable for a wide range of industries due to various pin assignments

Flexible to fit – square (G) and rectangular designs (GO) to match your individual application

Markets

- Machine building
- Automation
- Material handling
- Underground mining





Technical Information

G/GO Series		G Series 2-pole	G Series 3-pole	G Series 4-pole	GO Series 6-pole	GO Series 7-pole
T	General Data					
	No. of Pins	2	2 + PE	Molded: 3 + PE, 4 Field attachable: 4 Receptacle: 4	5 + PE, 6	6 + PE, 7
	Cable-Gland (field attachable)	_	PG 7	PG 7	PG 7	PG 11
	Cable-Range (field attachable)	-	ø 4.5 mm to 7.5 mm	ø 4.5 mm to 6.0 mm	ø 4.0 mm to 7.5 mm	ø 4.0 mm to 10.0 mm
	Terminal Type (field attachable)	-	Solder	Solder	Solder	Screw
	Conductor Size (field attachable)	-	PVC PVC PVC PG 7 R PG 7 9 4.5 mm to 7.5 mm	0.15 mm ² to 0.5 mm ²	0.15 mm² to 0.5 mm²	0.25 mm ² to 1.0 mm ²
	Cable Material (molded)	PVC	PVC	PVC	-	-
	Conductor Size (molded)	0.75 mm²	1.0 mm²	0.75 mm², 1.0 mm²	-	-
	Housing Color	Black, Grey	Black, Grey	Black, Grey	Black	Black
	Electrical Data					
	Operating Voltage	50 V AC/DC	230 V AC/DC	3 + PE: 230 V AC/DC 4: 50 V AC/DC	5 + PE: 230 V AC/DC 6: 50 V AC/DC	6 + PE: 230 V AC/DC 7: 50 V AC/DC
	Current	10 A AC/DC	Molded: 10 A AC/DC Field attachable: 6 A AC/DC	Molded: 10 A AC/DC Field attachable: 6 A AC/DC Receptacle: 10 A AC/DC	6 A AC/DC	10 A AC 6 A DC
小姓	Environmental Data					
入院	Ambient Temperature*	-40 °C to +90 °C	-40 °C to +90 °C	-40 °C to +90 °C	-40 °C to +90 °C	-40 °C to +90 °C
/K ^y	Protection Degree	IP65	IP65	IP65	IP65	IP65
	Approvals	VDE	VDE	VDE	VDE	VDE

^{*} Notice derating and cable temperature

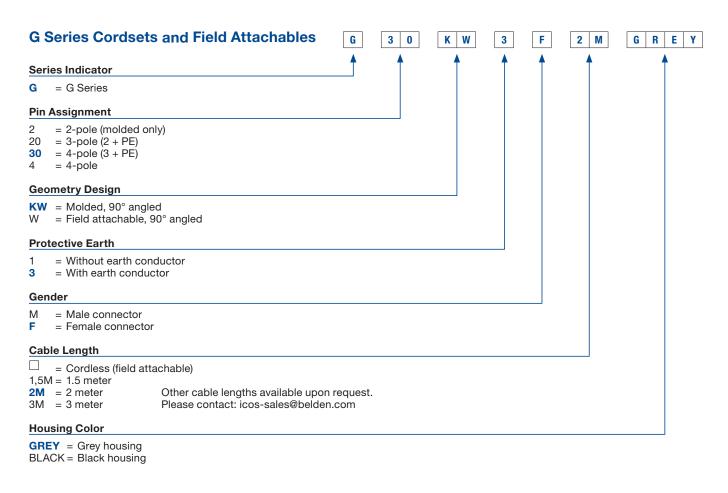


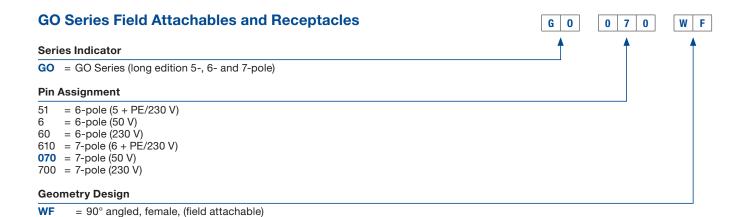






Product Configurator





UM = Male, PCB mount, (receptacle)
FAV M = Male, octagonal flange, (receptacle)
FA M = Male, rectangular flange, (receptacle)





Order Overview

G Series	2-pole		3-pole (2 + PE)	
	Male	Female	Male	Female
1. Choose Coding —> 2. Choose Design				
Field Attachables				
G Series, angled, solder type	_	-	-	G 20 W 3 F Grey
Receptacles		I		
G Series, solder type		-	-	-
Single-Ended Cordsets				
G Series, angled		G 2 KW 1 F*M Grey	G 20 KW 3 M *M Grey	G 20 KW 3 F *M Grey
G Series	4-pole (3 + PE)		4-pole	
	Male	Female	Male	Female
1. Choose Coding 2. Choose Design				
Field Attachables				
G Series, angled, solder type	-	G 30 W 3 F Grey	-	G 4 W 1 F Grey
Receptacles				
G Series, solder type	G 30 A 3 M Grey	G 30 E 3 F Grey	G 4 A 1 M Grey	-
Single-Ended Cordsets		I		
G Series, angled	G 30 KW 3 M *M Grey	G 30 KW 3 F *M Grey	-	G 4 KW 1 F *M Grey
GO Series	6-pole (5 + PE)		6-pole	
	Male	Female	Male	Female
1. Choose Coding 2. Choose Design	·; • ;		· ; ;	
Field Attachables				
GO Series, angled, solder type	-	G0 51 WF Black	-	GO 6 WF Black (50 V) GO 6 WF Black (230 V)
GO Series, angled, screw type		-	-	-
Receptacles		I		
GO Series, solder type	GO 51 UM	-	GO 60 UM (50 V) GO 60 UM (230 V)	-
GO Series, solder type with flange	GO 51 FAV M	-	GO 6 FAV M (50 V) GO 60 FAV M (230 V)	-
GO Series	7-pole (6 + PE)		7-pole	
	Male	Female	Male	Female
1. Choose Coding 2. Choose Design	a s	Paris I	n	in the second se
Field Attachables				
GO Series, angled, solder type	_	_	_	-
GO Series, angled, screw type	-	GO 610 WF Black	-	GO 070 WF Black (50 V) GO 700 WF Black (230 V)
Receptacles				
GO Series, solder type	-	-	-	-
GO Series, solder type with flange	GO 610 FA M	_	GO 070 FA M (50 V) GO 700 FA M (230V)	-

Blue highlighted product features are available in different variants.