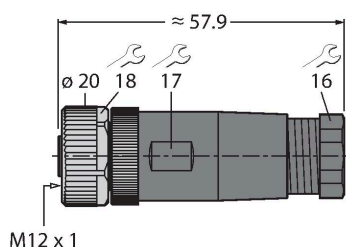


# BM8151-0/PG9

## Accessories for Sensors and Actuators – Field-Wireable Connector

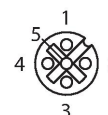
### Female Connector, M12 × 1, Straight



#### Features

- A-coding
- Metal coupling nut
- Screw-clamp terminal
- 5-pin
- PG9 screw-in thread
- Cable feedthrough 6.0...8.0 mm

#### Contact assignment



#### Pin Assignment

#### Technical data

Type	BM8151-0/PG9
ID no.	6604162
Connector A	Female, M12 × 1, Straight
Number of Pins	5
Contacts	CuZn, Optalloy Coating
Contact carriers	Plastic, PA, Black
Connector body	Plastic, PA, Black
Coupling nut	Die-cast Zinc, GD-Zn, Nickel-plated
Connector seal	Plastic, FPM/FKM
Panel seal	plastic, NBR
Mounting thread	PG9
External diameter of the cable	min. 6...8 mm
Core cross-section/Clamping ability	0.14...0.75 mm <sup>2</sup>
Connection mode	Screw/clamp connection
Mechanical life	> 50 Mating cycles
Protection class (When coupled)	IP67, (screwed together)
Shield	no
Electrical properties at +20 °C	
Rated voltage	60 V
Current	4 A
Insulation resistance	≥ 10 <sup>8</sup> Ω

## Technical data

forward resistance	$\leq 8 \text{ m}\Omega$
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Mechanical and chemical properties
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Ambient temperature range (static)	-40 °C...+85 °C
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