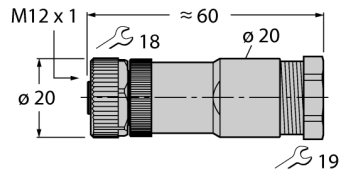
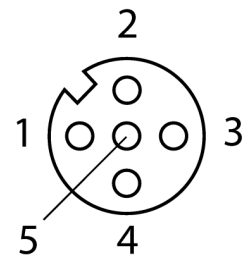


**Round connector M12 x 1**  
**Female, straight, customizable**  
**VBB8151-0**



- Duo cable-coupling
- Metal coupling nut
- Protection class IP67
- Screw-clamp terminal
- 5-pin
- Cable feedthrough: 2 cables Ø 2.1-3.0 mm or Ø 4.0-5.0 mm

**Pin Assignment**



<b>Type designation</b>	VBB8151-0
Ident no.	6934722
<b>Connector A side</b>	
Number of pins	Field-wireable, female, M12 - 1, Straight 5
Contacts	Brass, CuZn, Optalloy coating
Contact carriers	Plastic, PA, Black
Grip	Plastic, PA, Black
Coupling nut/screw	Die-cast zinc, GD-Zn, Nickel-plated
Core cross-section/Clamping ability	0.14...0.75mm <sup>2</sup>
Connection mode	Screw/clamp connection
Mechanical lifespan	> 50 Mating cycles
Pollution degree	3
Protection class	IP67, (screwed together)
<b>Electrical features at +20 °C</b>	
Rated voltage	60 V
Current	4 A
Insulation resistance	≥ 10 <sup>9</sup> Ω
Forward resistance	≤ 8 mΩ
<b>Mechanical and chemical properties</b>	
Ambient temperature	
Stationary	-25...+85°C