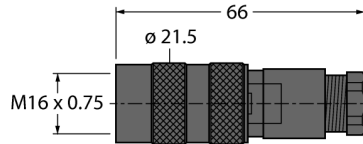
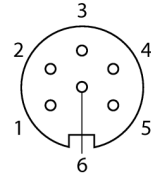


**Round connector M16 x 0.75  
Female, straight, customizable  
BK6-0**



- Solder connection
- 6-pin
- PG9 screw-in thread
- Cable feedthrough 6.0...8.0 mm

**Pin Assignment**



<b>Type designation</b>	BK6-0
Ident no.	6934731
<b>Connector A side</b>	
Number of pins	Field-wireable, female, M16 - 0.75, Straight 6
Contacts	Bronze, CuSn, Silver-plated
Contact carriers	Plastic, PBT UL94-V0, Black
Grip	Plastic, PA, Black
Coupling nut/screw	Die-cast zinc, GD-Zn, Nickel-plated
Screw-in thread	PG9
External diameter of the cable	min. 6...8mm
Core cross-section/Clamping ability	0.14...0.75mm <sup>2</sup>
Connection mode	Solder contact
Mechanical lifespan	> 500 Mating cycles
Pollution degree	1
Protection class	IP67, (screwed together)
<b>Electrical features at +20 °C</b>	
Rated voltage	60 V
Current	5 A
Insulation resistance	≥ 10 <sup>8</sup> Ω
Forward resistance	≤ 5 mΩ
<b>Mechanical and chemical properties</b>	
Ambient temperature	
Stationary	-40...+95°C