

## Electrical Connection Accesories

M12 Power/Output Cables & Connectors



measuring  
•  
monitoring  
•  
analyzing

807.xxx/ZUB



- Round Connectors M12 x 1:  
4, 5, and 8 pins
- Straight and 90° Angled Connectors
- Cable Lengths: 2 m (6.6 ft), 5 m (16.6 ft),  
and 10 m (32.8 ft)  
(Custom Length Available upon Request)
- Nickel-Plated Brass Coupling Nut






KOBOLD companies worldwide:

AUSTRALIA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHINA, CZECHIA, FRANCE, GERMANY, GREAT BRITAIN, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, REPUBLIC OF KOREA, RUSSIA, SPAIN, SWITZERLAND, THAILAND, TUNISIA, TURKEY, USA, VIETNAM

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M12x1 Connector with cable, According to IEC 61076-2-101

Round Connector, M12x1 Socket, Straight			
			
<b>Cable Models*</b>	807.037: 2 m (6.6 feet) 807.037/5M: 5 m (16.4 feet) 807.037/10M: 10 m (32.8 feet)	807.007: 2 m (6.6 feet) 807.007/5M: 5 m (16.4 feet) 807.007/10M: 10 m (32.8 feet)	807.008: 2 m (6.6 feet) 807.008/5M: 5 m (16.4 feet) 807.008/10M: 10 m (32.8 feet)
<b>Outer Jacket/Body</b>	PVC jacketed cable/ PUR molded body	PVC jacketed cable/ PUR molded body	PVC jacketed cable/ PUR molded body
<b>Male Insert</b>	PUR	PUR	PUR
<b>Coupling Nut</b>	Brass, nickel-plated	Brass, nickel-plated	Brass, nickel-plated
<b>O-Ring</b>	FKM	FKM	FKM
<b>Cable Diameter (OD)</b>	4.8 mm	5.3 mm	5.9 mm
<b>Wire Gauge</b>	22 AWG	22 AWG	24 AWG
<b>Number of Pins</b>	4	5	8
<b>Protection</b>	IP 67	IP 67	IP 67
<b>Voltage Rating</b>	250 V	250 V	30 VAC / 36 VDC
<b>Current Rating</b>	4 A	4 A	1.5 A
<b>Ambient Temperature</b>	-40... 194 °F	-40... 194 °F	-40... 194 °F

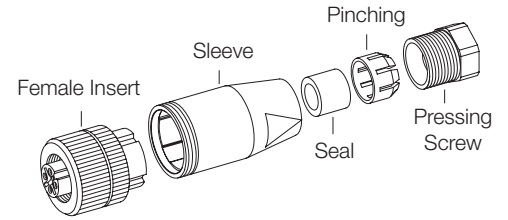
Round Connector, M12x1 Socket, Angled			
			
<b>Cable Models*</b>	807.037/90D: 2 m (6.6 feet) 807.037/90D5M: 5 m (16.4 feet) 807.037/90D10M: 10 m (32.8 feet)	807.007/90D: 2 m (6.6 feet) 807.007/90D5M: 5 m (16.4 feet) 807.007/90D10M: 10 m (32.8 feet)	807.008/90D: 2 m (6.6 feet) 807.008/90D5M: 5 m (16.4 feet) 807.008/90D10M: 10 m (32.8 feet)
<b>Outer Jacket/Body</b>	PVC jacketed cable/ PUR molded body	PVC jacketed cable/ PUR molded body	PVC jacketed cable/ PUR molded body
<b>Male Insert</b>	PUR	PUR	PUR
<b>Coupling Nut</b>	Brass, nickel-plated	Brass, nickel-plated	Brass, nickel-plated
<b>O-Ring</b>	FKM	FKM	FKM
<b>Cable Diameter (OD)</b>	4.8 mm	5.3 mm	5.9 mm
<b>Wire Gauge</b>	22 AWG	22 AWG	24 AWG
<b>Number of Pins</b>	4	5	8
<b>Protection</b>	IP 67	IP 67	IP 67
<b>Voltage Rating</b>	250 V	250 V	30 VAC / 36 VDC
<b>Current Rating</b>	4 A	4 A	1.5 A
<b>Ambient Temperature</b>	-40... 194 °F	-40... 194 °F	-40... 194 °F

\* Custom length available upon request

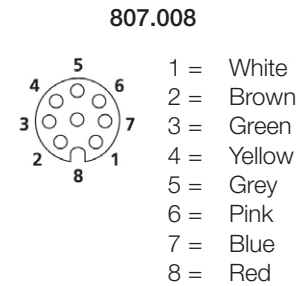
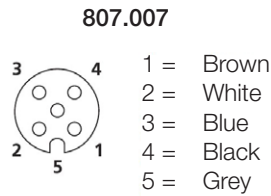
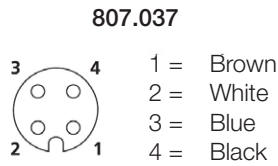
M12x1 Round Terminal

M12x1 Round Terminal Exploded View

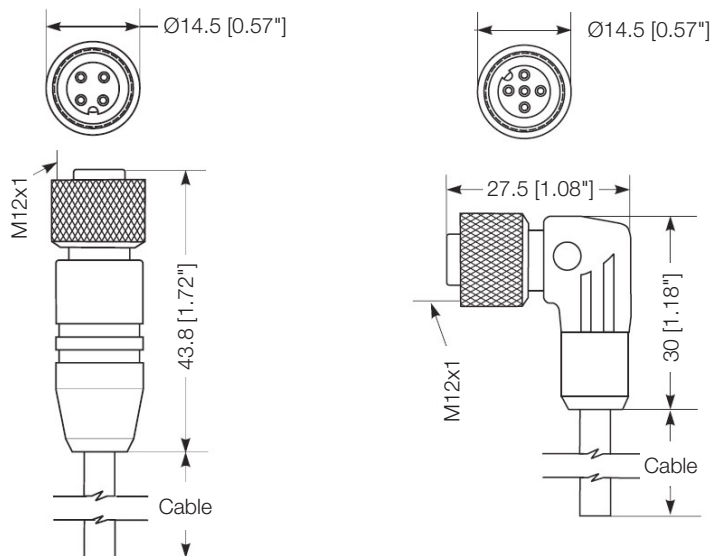
Round Terminal, M12x1 Socket, Straight		
<b>Model</b>	ZUB-KAB12D500	ZUB-KAB12D800
<b>Way of Connection</b>	M12 Thread	M12 Thread
<b>Male Insert</b>	PBT / PA66	PA
<b>Coupling Nut</b>	PA66	Brass, nickel-plated
<b>Cable Diameter (OD)</b>	4 - 6 mm	6 - 8 mm
<b>Cross Section of Wire</b>	Max. 0.75 mm <sup>2</sup>	Max. 0.5 mm <sup>2</sup>
<b>Number of Pins</b>	5	8
<b>Protection</b>	IP 67	IP 67
<b>Voltage Rating</b>	60 V	30 V
<b>Current Rating</b>	4 A	2 A
<b>Ambient Temperature</b>	-40... 185 °F	-13... 185 °F



Pin Assignment and Wire Color



Dimensions mm [inches], M12x1 Connector with cable



No responsibility taken for errors; subject to change without prior notice.