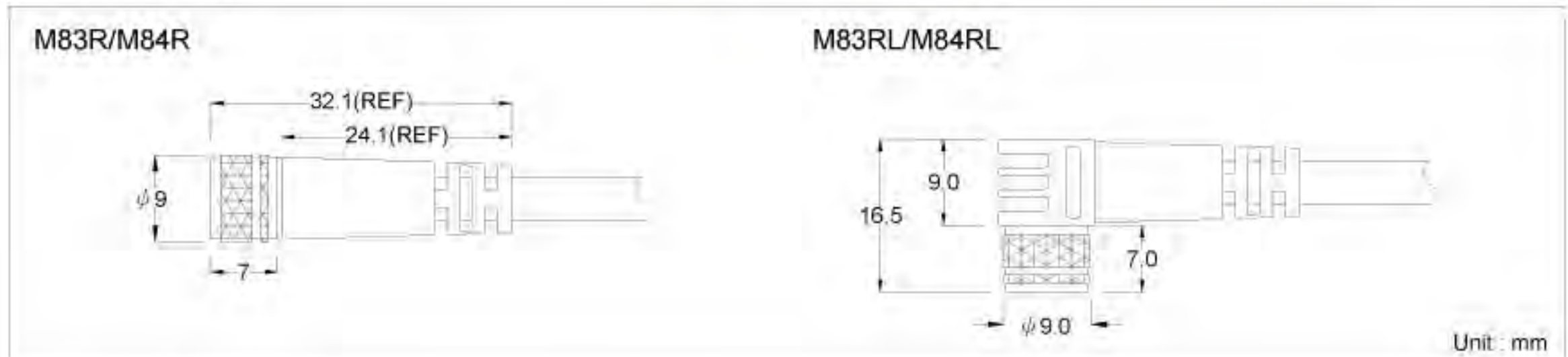


# M8 CONNECTOR

8mm FEMALE CIRCULAR CONNECTOR



## DIMENSION



## HOW TO ORDER

M8	R		
Pinout	Connection	Jacket Material	Cable Length
3=3 Pin	None=Straight	PVC (Grey)	2M=2-meter (78-inch) cable
4=4 Pin	L=Angle type	PUR (Black)	5M=5-meter (16.4-ft) Cable

**EXAMPLES:**  
M83R-PUR-5M: Straight type female connector with 5-meter ( 16.4-ft ) PUR cable.  
M83RL-PVC-2M: Angle female connector with 2-meter (78-inch) PVC cable.

## SPECIFICATION

Part Number	M83R-PVC (Straight) M83RL-PVC (Right Angle)	M84R-PVC (Straight) M84RL-PVC (Right Angle)	M83R-PUR (Straight) M83RL-PUR (Right Angle)	M84R-PUR (Straight) M84RL-PUR (Right Angle)
Female Pinout				
Conductor Colors	1=BROWN 3=BLUE 4=BLACK	1=BROWN 2=WHITE 3=BLUE 4=BLACK	1=BROWN 3=BLUE 4=BLACK	1=BROWN 2=WHITE 3=BLUE 4=BLACK
Cable Type	PVC		PUR	
Jacky Color	Gray		Black	
Characteristics	Oil Resistant, Robotic Grade		Oil And Abrasion Resistance, Robotic Grade	
Connector	Oil resistant polypropylene (PP) body, nylon contact carrier, spacing to VDE 0110 Group C			
Contacts	Gold Plated Brass			
Locking Nut	Brass, Nickel-plated			
Electrical Rating	120V AC/DC 3Amp. max.			
Conductors	24 AWG, /0.22 <sup>2</sup> mm, high flex Stranding, Self-Extinguishing PVC Insulation, 300V			
Temperature	-40 to +176° F (-20 to +80° C)			
Protection	IEC 529 / IP 67 / NEMA 6 (Only in Fully Locked Position)			



### M8 EXTENSION CABLE

- Connects the sensors and switches to junction box
- Fully molded construction withstand shock and vibration
- Threaded coupling nuts provides IP67 water tight seal and snatch proof security
- Robotic grade, oil and abrasion polyurethane (PUR) cable
- Available in 3-pin or 4-pin configuration
- **Free sample** available upon request



### M12, 4C, FEMALE CORDSET

- Industrial standard M12 connector in straight or right-angle configurations
- Straight, 4-conductor type available in stock NOW
- Fully molded construction withstand shock and vibration
- Threaded coupling nuts provides IP67 water tight seal and snatch proof security
- Robotic grade, oil and abrasion polyurethane (PUR) cable
- **Free sample** available upon request