

M12 X TYPE 8-PIN MALE CONNECTOR

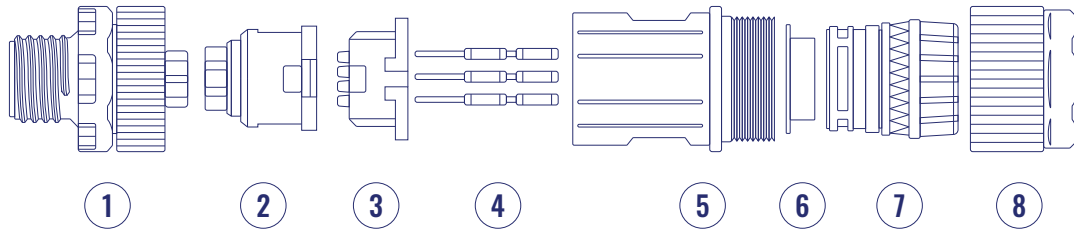


Mechanical/Environmental

Voltage rating	48V AC / 60V DC
Current carrying capacity	0.5 A
Conductor cross section, solid wire	AWG 26/1 - AWG 22/1
Conductor cross section, stranded wire	AWG 26/7 - AWG 22/7
Temperature range	-40 °C to +85 °C
Mounting method	Screwable (M12)
Insertion and withdrawal force	≤ 30 N
Life - number of mating cycles	≥ 100
IP rating	IP67 (when plugged in)
Housing material	GD-Zn (zinc die-cast)
Contact material	CuZnPb (brass)
Contact finish material	Ni + Au (nickel-gold)
Shield material	CuSn (tin bronze)
Shield finish material	Sn (tin)
Stuffer cap material	PA
Finish material	Ni (nickel)

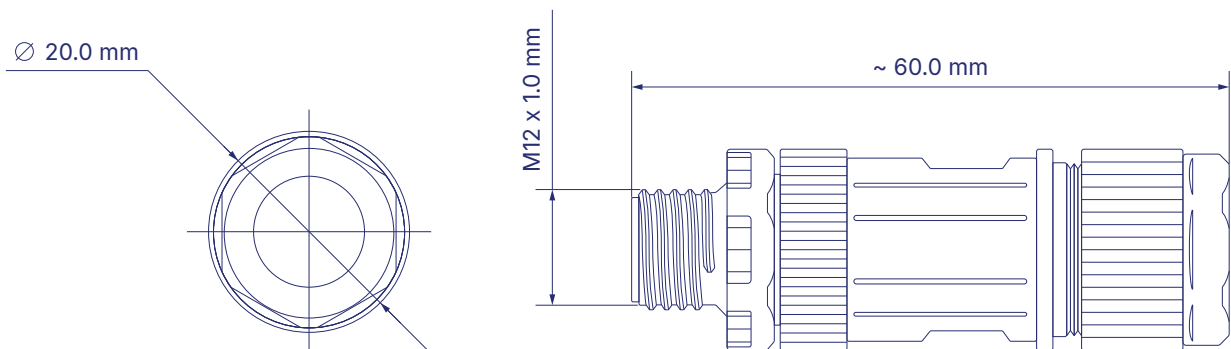
Weight	47 g
RoHS	✓
REACH	✓

Assembly instruction

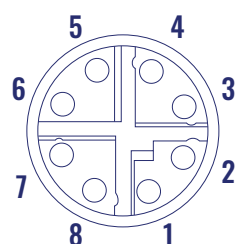


1. Wire stripping 20-25 mm.
2. Thread 5, 6, 7, 8, into the wire in order and in the correct orientation.
3. Riveting wire conductor with 4.
4. Insert the connected line 4 into 3 according to the line sequence requirements, then push it in place after confirming the line position is correct.
5. Assemble 1 and 2 together according to the direction.
6. Align 1 and 2,3 according to the red area and assemble together.
7. Turn the braid out from 6 and assemble it with 7.
8. Insert 6,7 into 5,8 and lock them.
9. Push the installed 1, 2, 3, 4 and 5, 6, 7, 8 in the right position and lock it according to the direction.

Spatial measurements



Wiring definition



1. Orange/ White
2. Orange
3. Green/ White
4. Green
5. Brown/ White
6. Brown
7. Blue/ White
8. Blue