

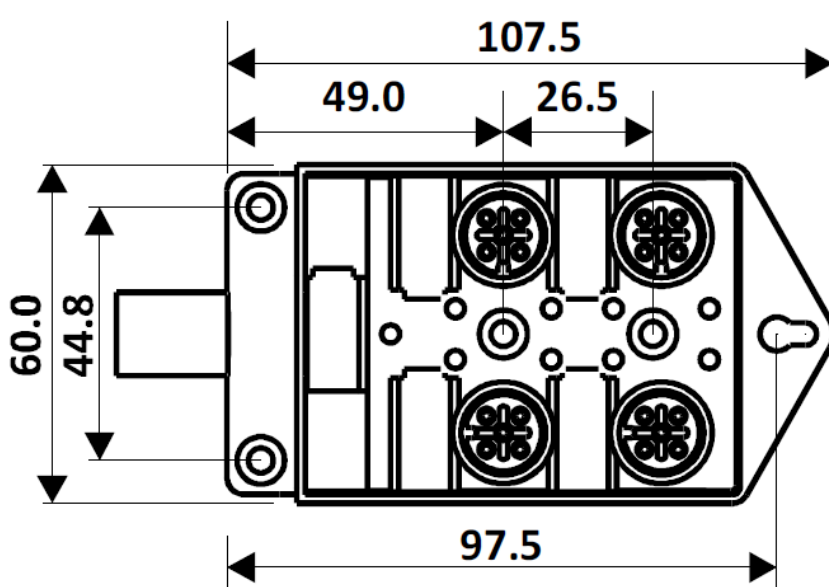
## Datasheet

# Junction Box With Wire Connection

RS Stock 877-1179



Dimensions: (mm)





## Specifications

### Electrical

Supply	24 V DC $\pm$ 10%
Rated Current	Max. 2A per Port
Total Rated Current	Max. 6A
Connection	Through Cable
I/Os Connection	M12, 5pin Female Socket
Port	4

### Mechanical Characteristics

Housing Material	PBT Plastic
Material of Moulding Mass	Nylon 66
Contact Carrier Material	Nylon 66
Contact Material	Brass-Ni Plated
Contact Surface Material	Gold Plated
Material O-Ring	Neoprene
Protection	IP65 / IP67

### Environment Limits

Operating Temperature	0 ... 55°C
Storage Temperature	0 ... 70°C

### Indications

Yellow LED	Power
Red LEDs	NC I/O (B)
Green LEDs	NO I/O (A)

### Cable Specification

Cable Length	10 m
Cable Type	PVC 11 Core Multi Strand
Sheath Colour	Black
Cross Section of Wire	3 x 0.5 sq. mm, 8 x 0.25 sq. mm
Cable Dia	9.8 $\pm$ 0.1 mm
Termination	Partially Stripped

### Connection Wire Diagram

Brown	24 V DC
Blue	GND
Red	B1
Orange	A1
Yellow	B2
Green	A2
Violate	B3
Black	A3
Grey	B4
White	A4
Yellow - Green	Earth

