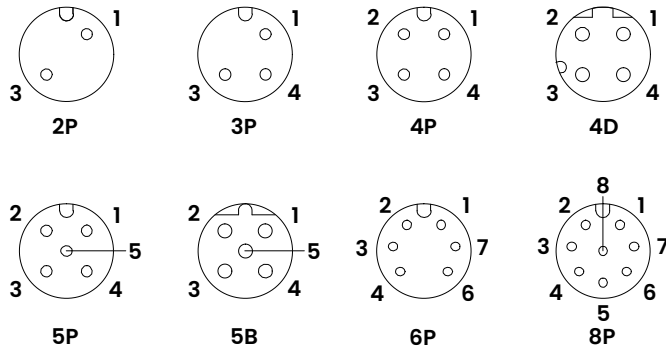




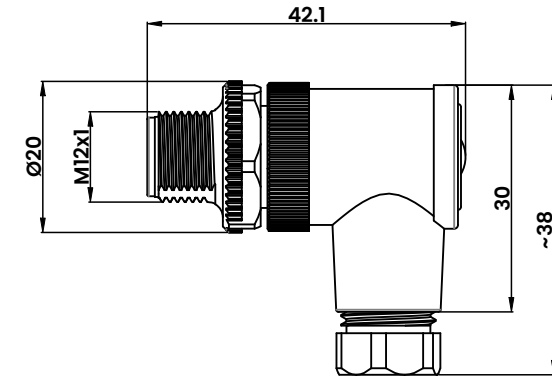
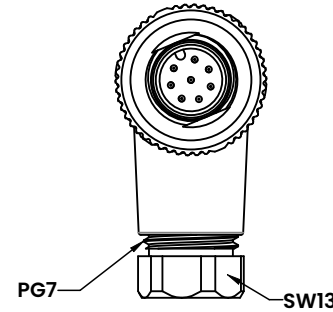
REV	DESCRIPTION	DATE	APPROVEN
R1.0	First issue	2023/03/10	JIM.KING

Pin layout



Technical Specifications

Coupling:	Threaded coupling
Termination:	screw
Pollution degree:	3
Mating cycles:	≥500
Temperature range:	IP67 when mated
Temperature range:	-40°C ~ +80°C
Suitable cable Dia:	4~6mm
Wire gauge:	2~5Pin:AWG22; 6~8Pin:AWG24



Part Number:

M12-XX-X-P-3-R

Code:
A,B,D

Core count:
02,03,04,05,06,08

Core count	2	3	4	4D	5	5B	6	8
Rated voltage/Current	4A/250V	4A/250V	4A/250V	4A/250V	4A/60V	4A/60V	2A/30V	2A/30V
Rated pulse voltage	2500V	2500V	2500V	2500V	1500V	1500V	800V	800V
Insulation resistance (MΩ)	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100
Contact resistance (MΩ)	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5

6	Other Parts	Engineering plastics	Black/White	/
5	Sealing Ring	NBR	Black	/
4	Center Pin	Copper Alloy	Gold Plating	/
3	Insulator	PA66 UL94-V0	Black	1
2	Hex Nut	Zinc Alloy	Nickel Plating	1
1	Shell	PA66 UL94-V0	Black	1
NO	DESCRIPTION	MATERIAL	FINISH	QTY

-TOLERANCES-
UNLESS OTHERWISE
SPECIFIED

UNLESS OTHERWISE SPECIFIED
TOLERANCES FOR MILLIMETERS
ARE:
0.5 - 8mm ± 0.20mm
8 - 30mm ± 0.25mm
30 - 120mm ± 0.30mm



METABEE GROUP



PART DESCRIPTION:

R/A M12 Male Assembly,Screw

P/N:

M12-XX-X-P-3-R

Appd:

Jim.king

Check:

Date

Scale

Unit

Page

Draw:

Gavin

2023.03.10

Free

MM

1/1