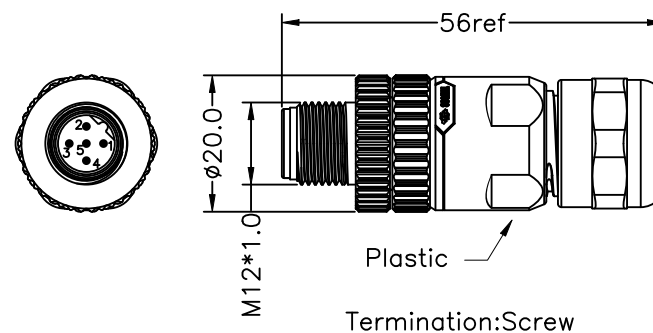


Detailed Product Description:
Waterproof connector rating is IP68
They can not be used permanently under water.

Connector Electrical character
Rating voltage: 60V ,
Insulation resistance: >100M Ω
Rating current : 4A
Contact resistance of connector $\leq 5\text{m}\Omega$
Mechanical characteristics: mating / cycle >100 cycle
Operating temperature: $-25^{\circ}\text{C} \sim +85^{\circ}$

*ALL MATERIALS ARE RoHS COMPLIANT.



REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2018/06/07	YMX

Electrical character

Part Number	Contacts	Rated voltage		Rated current	Contact Resistance	Cable OD (mm)
		A/C	D/C			
ASM12BM05009		60V	60V	4A	10m Ω	6~8

SIGNAL [®] Shenzhen Signal Electronics Co., LTD		TITLE M12 assembly male connector (plastic)	
		SGN NO 120205-01-022	REV.
DRAWN BY	DATE	DWG NO	S0
CHECKED BY	DATE	CUSTOMER	
APPROVED BY	DATE		
<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.</small>		TOLERANCES ARE:	THIRD ANGLE PROJECTION
		DECIMALES .x ± 0.5 .xx ± 0.20 ANGLES x.' $\pm 2.0'$.x' $\pm 1.0'$	SIZE: A4 UNITS: mm SCALE: SHEET: 1 OF 1