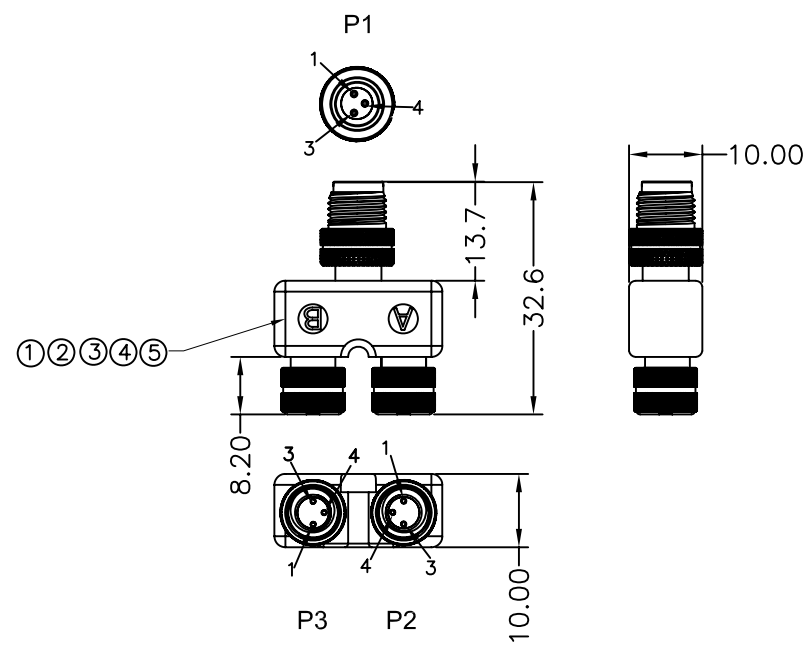


PROJECT NO:  
SGNYD1807066

REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2018/07/23	YMX



Detailed Product Description:  
Waterproof connector rating is IP67  
They can not be used permanently under water.

Connector Electrical character  
Rating voltage: 60V ,  
Insulation resistance: >100MΩ  
Rating current : 3A  
Contact resistance of connector ≤5mΩ  
Mechanical characteristics: mating / cycle >100 cycle  
Total Insertion/Withdrawal Forces: Max. 23N/Max. 23N  
Operating temperature: -25°C ~ +85°  
Suggested Storage Temperature: 25°C +/-10°C

TESTING CONDITIONS:  
1. VOLTAGE:300V DC/0.1S.  
2. INSULATION RESISTANCE: 10 Mohms min.  
3. CONDUCTIVE RESISTANCE: 5 Ohms max.  
4.100% OPEN AND SHORT ELECTRICAL TEST.

\*ALL MATERIALS ARE RoHS COMPLIANT.

WIRE LIST

	P1	P2	P3
1	1	1	1
2	2	2	2
3	3	3	3

ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT
⑤	PL00007	HD-PE	5	g
④	PL00008	BLACK PVC 30P	20	g
③	N/A	M8 3pin female connector	2	SET
②	N/A	M8 3pin male connector	1	SET
①	N/A	Double Sided PCB	1	PCS

**SIGNAL**<sup>®</sup>  
Shen Zhen Signal Electronics co.,Ltd

DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

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.

TITLE M8 3P/M TO 3P/F\*2 Y CONNECTOR

SGN NO 080103-10-005 REV. \_\_\_\_\_  
DWG NO \_\_\_\_\_  
CUSTOMER \_\_\_\_\_

TOLERANCES ARE:  
DECIMALES ANGLES  
.x ±0.5 x.' ±2.0'  
.xx ±0.20 .x' ±1.0'

THIRD ANGLE PROJECTION

SIZE: A4 UNITS: mm  
SCALE: SHEET: 1 OF 1