

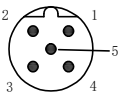
PG9:  
5SD-M12B-05P-MM-SH7010-00AH

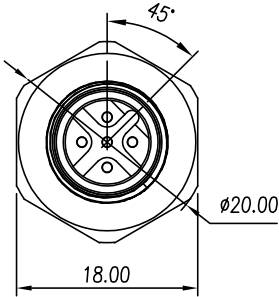
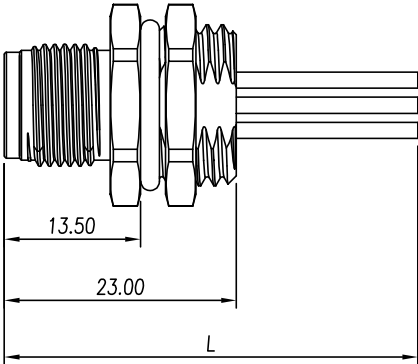
M16\*1.5:  
5SD-M12B-05P-MM-SH7011-00AH

Installation shell opening: maximum thickness 4.5mm,  
Installation torque 1.25Nm

| REV | ECN | SIGN    | DATE       | DESCRIPTION |
|-----|-----|---------|------------|-------------|
| 1.0 | V0  | K. ZHAO | 2024/12/30 |             |

- Technical Parameter:
- 1.Insulation Resistance:  $\geq 100\text{M}\Omega$
  - 2.Contact Resistance:  $\leq 10\text{m}\Omega$
  - 3.Durability:  $\geq 100$  cycles
  - 4.Locking Torque: 0.4Nm
  - 5.Compliant with RoHS
  - 6.Protection Level: IP68  
(1 meter water depth, 24 hours); IP69K
  - 7.Cable: PVC/PUR sheathed wire, black outer sheath
  - 8.Temperature Range:  $-25^{\circ}\text{C}\sim 85^{\circ}\text{C}$
  - 9.Cable Length Tolerance:
    - 01~03m:  $\pm 25\text{mm}$
    - 04~06m:  $\pm 50\text{mm}$
    - 07~10m:  $\pm 75\text{mm}$
    - 11~20m:  $\pm 100\text{mm}$
    - 21~30m:  $\pm 200\text{mm}$
    - 31~99m:  $\pm 300\text{mm}$

|                       |                                                                                     |       |
|-----------------------|-------------------------------------------------------------------------------------|-------|
| Number of Positions   | 5P                                                                                  |       |
| Coding                |  |       |
| Current/Voltage       | 4A/60V                                                                              |       |
| Voltage Proof         | 1. 0kV                                                                              |       |
| Rated Impulse Voltage | 1. 5kV                                                                              |       |
| Wire specifications   | 0. 34mm <sup>2</sup> /22AWG                                                         |       |
| Wire Color            | PIN                                                                                 | WIRE  |
|                       | 1                                                                                   | Brown |
|                       | 2                                                                                   | White |
|                       | 3                                                                                   | Blue  |
|                       | 4                                                                                   | Black |
|                       | 5                                                                                   | Gray  |



Thread type:  
0: PG9  
1: M16\*1.5

5SD-M12B - 05P- MM-SH7XXX - 00AH

Coding: A,B,D,S,T      Poles      Cable length:  
01: 01Meter  
02: 02Meters  
:  
99: 99Meters

Standard

Remarks: Pollution Level (3)/Overvoltage Category (II)/Material Group (I)

Remark: This drawing is a controlled document for Cymanu. All specifications are subject to change without prior notice.

|                                                                                                             |                                                                                                                 |                              |                            |                                                     |                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>SIZE:<br><b>A4</b> | <br>SCALE:<br><b>4 : 3</b> | DRAWN:<br><b>K. ZHAO</b>     | DATE:<br><b>2024/12/30</b> | PART NO:<br><b>5SD-M12B-05P-MM-SH7011-00AH</b>      | <br><b>NINGBO CHANGYU ELECTRONICS MANUFACTURING CO., LTD</b><br>Email: sales@cymanu.com      WWW.CYMANU.COM |
|                                                                                                             |                                                                                                                 | CHECKED:<br><b>T. Pan</b>    | DATE:<br><b>2024/12/30</b> | TITLE:<br><b>M12B, Male, front-end installation</b> |                                                                                                                                                                                                  |
|                                                                                                             |                                                                                                                 | APPROVED:<br><b>H. JIANG</b> | DATE:<br><b>2024/12/30</b> | CUSTOMER:                                           |                                                                                                                                                                                                  |