

PROJECT NO:  
SGNYD2212005

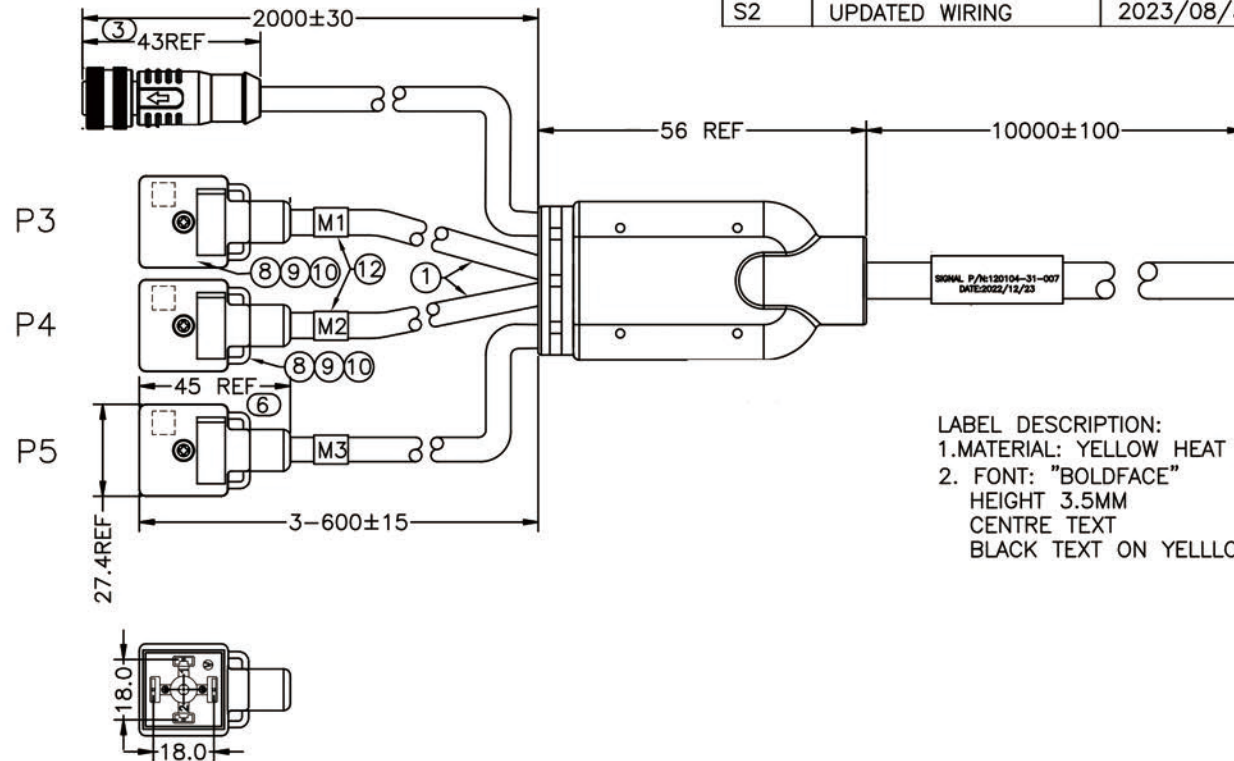
| REV | DESCRIPTION     | DATE       | APPROVED |
|-----|-----------------|------------|----------|
| S0  | CREATED DRAWING | 2022/12/05 | YZH      |
| S1  | ADD LABEL       | 2022/12/31 | YZH      |
| S2  | UPDATED WIRING  | 2023/08/30 | W N      |

DETAILED PRODUCT DESCRIPTION:  
WATERPROOF CONNECTOR RATING IS IP67(P2)  
P2,P3,P4,SR(IP20)  
THEY CAN NOT BE USED PERMANENTLY UNDER WATER  
PER ISO-20653,IEC60529  
DESTRUCTIVE WITHSTAND FORCE BETWEEN CONNECTOR  
AND OVERMOLD EXCEEDS 5.0KGF.


P2 CONNECTOR ELECTRICAL CHARACTER  
RATING VOLTAGE: 250V  
INSULATION RESISTANCE: >100MΩ  
RATING CURRENT: 4A  
CONTACT RESISTANCE OF CONNECTOR ≤10mΩ  
MECHANICAL CHARACTERISTICS: MATING / CYCLE  
>100CYCLES  
OPERATING TEMPERATURE: -25°C ~ +80°C(  
DEPENDING ON CABLE QUALITY)  
TIGHTENING TORQUE (RANGE) 0.4~NM.6  
(NOTE MAX. TORQUE OF MATING CONNECTOR!)

TESTING CONDITIONS:  
1. VOLTAGE: 300V DC/0.1S  
2. 100% OPEN AND SHORT ELECTRICAL TEST

\*ALL MATERIALS ARE RoHS COMPLIANT\*



LABEL DESCRIPTION:  
1.MATERIAL: YELLOW HEAT SHRINKTUBE  
2. FONT: "BOLDFACE"  
HEIGHT 3.5MM  
CENTRE TEXT  
BLACK TEXT ON YELLOW BACKGROUND

|  |      |   |  |
|--|------|---|--|
| <br>Shenzhen Signal Electronics co.,Ltd   |      | TITLE<br>M12 A CODING 4P/F TO 4PIN<br>ELECTROMAGNETIC VALVE*3 PUR CABLE |  |
|  |      | SGN NO<br>120104-31-007   | REV.<br>S2                                     |
| DRAWN BY   | DATE | DWG NO<br>SGNYD2212005-2-546  |  |
| CHECKED BY   | DATE | CUSTOMER  |  |
| CHECKED BY   | DATE |   |  |
| APPROVED BY  | DATE |   |  |
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|  |      | .x ±0.5 .x° ±2.0°<br>.xx ±0.20 .x° ±1.0°                                | SIZE: A4 UNITS: mm<br>SCALE: 1:1 SHEET: 1 OF 1 |