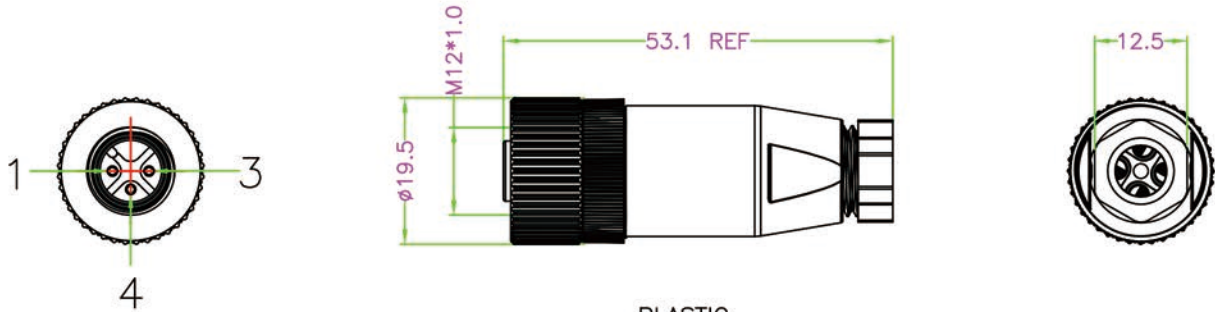


| REV | DESCRIPTION | DATE | APPROVED |
|-----|-----------------|------------|----------|
| S0 | CREATED DRAWING | 2025/07/02 | PWT |

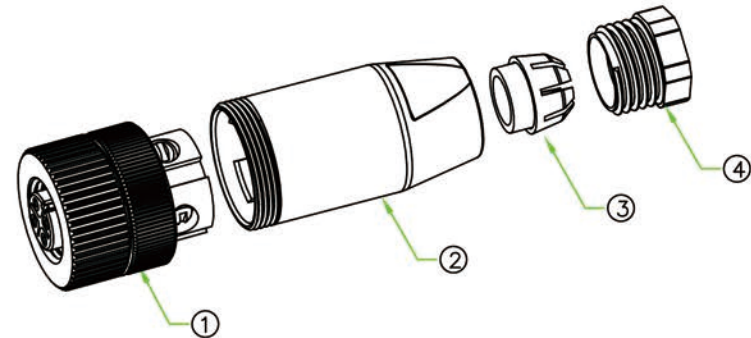




PLASTIC

Electrical character

| | |
|--|-------------|
| Rated voltage | 250V |
| Rated current | 4A |
| Mechanical characteristics (mating cycle) | >100 |
| Degree of protection (ISO-20653,IEC60529) | IP67 |
| Operating temperature (depending on cable quality) | -25°C~+85°C |
| Destructive withstand force between connector and overmold exceeds | 5.0kgf |
| Tightening torque (range) | 0.4~1.8Nm |
| Pollution degree | 3 |

ALL MATERIALS ARE RoHS COMPLIANT



| | | | |
|--|--|--|--|
|  SIGNAL® | | TITLE M12 A/F PLASTIC ASSEMBLY CONNECTOR(PG7) | |
| ShenZhen Signal Electronics co.,Ltd | | SGN NO 120103-02-001 | |
| DRAWN BY | | DATE | |
| CHECKED 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. | | 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 | |