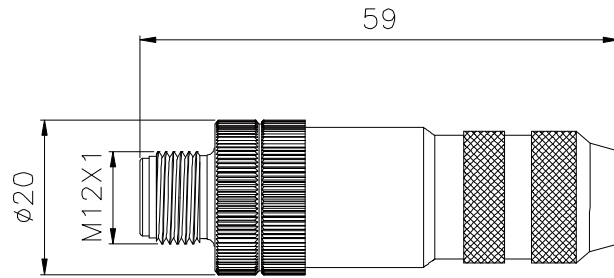


M12 Series



- M12 male assembly connector ,straight
- Description:M12 male assembly connector ,straight ,shielded,X Y coded



Assembly Instruction

| Core position | Core color | | | | | | Core position |
|---------------|--------------|--|--------------|--|--------------|--|---------------|
| Male | 8X | | 6Y | | 8Y | | Female |
| 1 | Orange/White | | Orange/White | | Orange/White | | 1 |
| 2 | Orange | | Orange | | Orange | | 2 |
| 3 | Green/White | | Green/White | | Green/White | | 3 |
| 4 | Green | | Green | | Green | | 4 |
| 5 | Brown/White | | Blue | | Blue | | 5 |
| 6 | Brown | | Brown | | Brown | | 6 |
| 7 | Blue/White | | | | White | | 7 |
| 8 | Blue | | | | Black | | 8 |

Technical Data

| Pin No. | 8 | 6 | 8 |
|--------------------------|-------------------------|------|------|
| Coding | X | Y | Y |
| Pin for reference | | | |
| Type | Assembly | | |
| Rated current | 0.5A | 0.5A | 0.5A |
| Rated voltage | 60V | 30V | 30V |
| Operating Temperature | -25 C ~85 C | | |
| Degree of protection | IP67/IP68 | | |
| Connector locking system | Solder | | |
| Mechanical operation | >500 mating cycles | | |
| Contact resistance | ≤10mΩ | | |
| Material of connector | CuZn | | |
| Contact plating | Au(gold plating) | | |
| Outlet | Suitable OD 4-8mm cable | | |

Order Information

| Part No. | Model No. |
|--|-----------|
| M12- <input type="text"/> -MS- <input type="text"/> -SH <small>Coded Pin No.</small> | RG122012 |

Remark: We usually made the free end type strip 30mm. contact us any time if you have custom requirements.