



M12 8 Pin X Code Female Plug Straight Metal Shell  
Shielded Field Wireable Connector, Crimp

Part Number:

**RHT-634-3314-8X**

### Basic Information

|                     |                          |
|---------------------|--------------------------|
| Contact Termination | Crimp                    |
| Gender              | Female                   |
| Key                 | X                        |
| Number of Positions | 8 Pin                    |
| Orientation         | Straight                 |
| Product Type        | Field Wireable Connector |

### Material Specification

|                     |                           |
|---------------------|---------------------------|
| Body Material       | Nickel Plated, Zinc Alloy |
| Contact Finish      | Gold                      |
| Contact Material    | Brass                     |
| Insulation Material | PA66+GF                   |
| Screw Nut Material  | Brass, Nickel Plated      |
| Seal                | Black, NBR                |
| Wire Gauge          | 24AWG/0.25mm <sup>2</sup> |

### Electrical Specification

|                       |          |
|-----------------------|----------|
| Contact Resistance    | ≤5mΩ     |
| Insulation Resistance | ≥100MΩ   |
| Rated Current         | 0.5A     |
| Rated Voltage         | 48V      |
| Shielding             | Shielded |

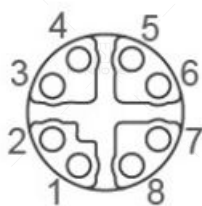
## Environmental Specification

|                       |               |
|-----------------------|---------------|
| Operating Temperature | -25°C ~ +80°C |
| Protection Rating     | IP67(Mated)   |

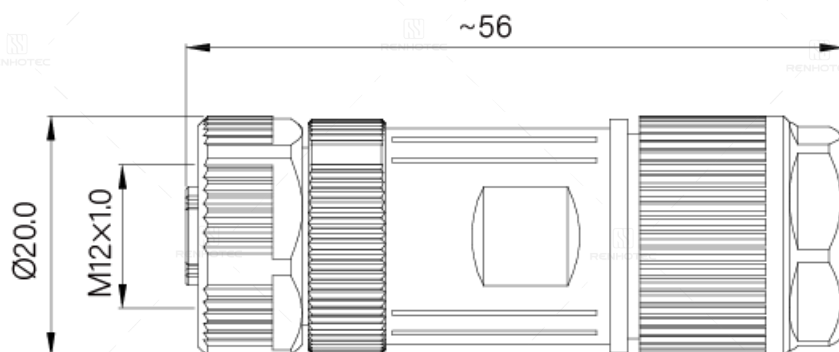
## Mechanical Specification

|               |      |
|---------------|------|
| Mating Cycles | ≥500 |
|---------------|------|

## Contact Layout



## Size



## Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.