



## 02

### iMetal Fieldbus Connector

iMetal series of Fieldbus connectors offer an extensive range of connection modes and qualifications for fieldbus components. The metal-shielded connectors have a strong immunity to high-frequency interference and guarantee a smooth communication in any harsh industrial environment. Self diagnostic Fieldbus connectors have LED indicators to show status of the network and the Fieldbus connectors.



- PWR is power indicator
- TXD is data transmission indicator
- ERR is Fieldbus error indicator
- TERM is termination resistor indicator
- Quick-connect technology and transparent cap

## Fieldbus Connector

SOFTLINK's iMetal Fieldbus connectors offer three outlet modes: 35°, 90°, and 180°. And the 90° metal-shielded Fieldbus connector adopts quick-connect technology, which could save time and make installation efficiency substantially. With transparent caps, it is more convenient to check the connection.

### Self-diagnostic Fieldbus connector

Self-diagnostic Fieldbus connectors have PWR, TXD, TERM, ERR LED indicators to show the working status or fault status of the network and the Fieldbus

- PWR is power indicator
- TERM is termination resistor indicator
- TXD is data transmission indicator
- ERR is Fieldbus error indicator

### Optoelectronic isolation Fieldbus connector

Optoelectronic isolation PROFIBUS connector adopts high-speed optoelectronic isolation technology and new RS485 chip to enhance drive capability greatly and minimize EMI in any harsh electromagnetic environment. Optoelectronic isolation also solve the problem of frequently damaged communication interfaces caused by the electrical potential difference in network.

Product Description	Order No.
90° outlet, without programming port, all metal	300 972-BA4200
90° outlet, with programming port, all metal	300 972-BB4200
180° outlet, without programming port	300 972-BA3000
90° outlet, without programming port	300 972-BA1200
90° outlet, with programming port	300 972-BB1200
Self-diagnosis 90° outlet, without programming port, all metal	300 972-BA6100
Self-diagnosis 90° outlet, with programming port, all metal	300 972-BB6100

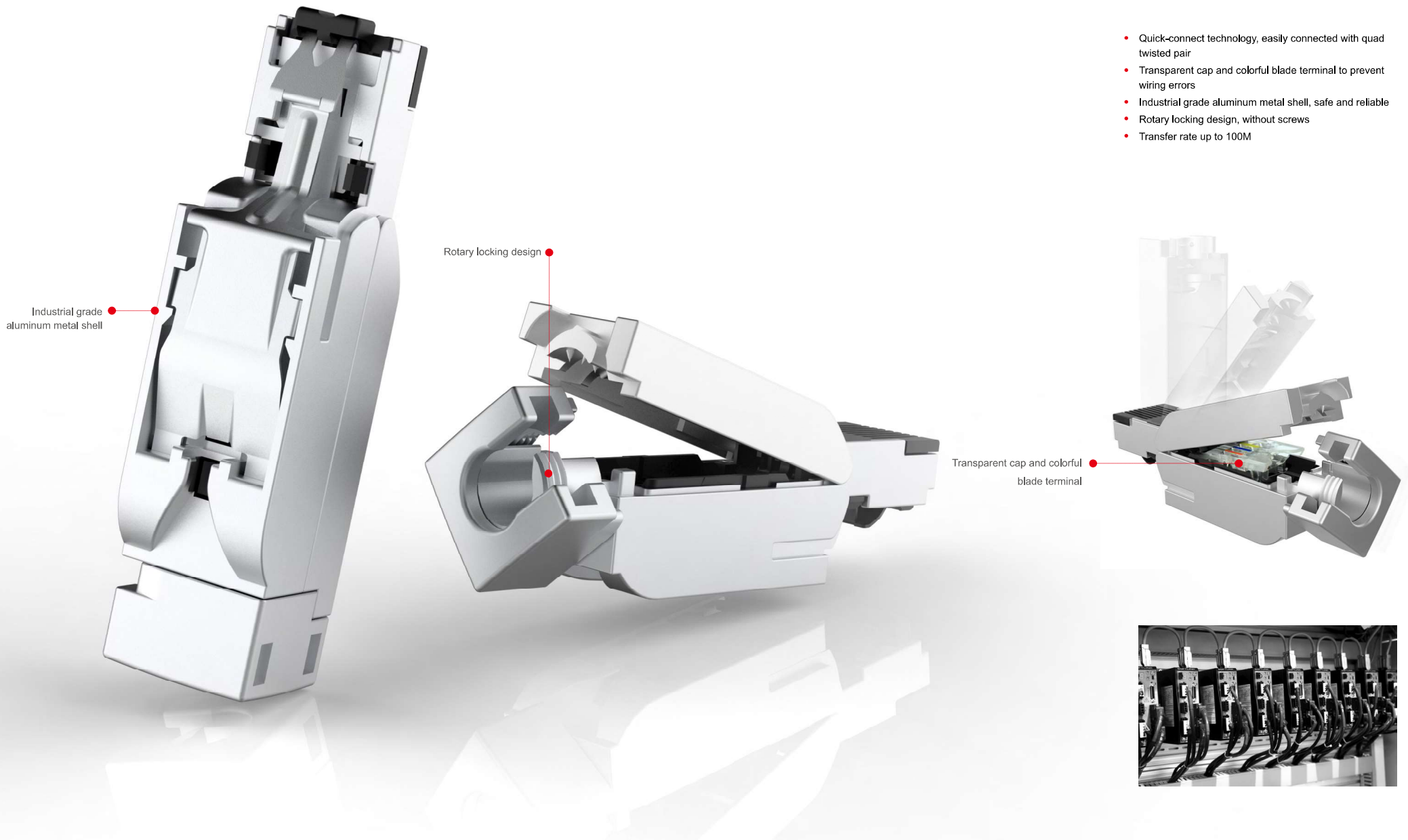
Product Description	Order No.
35° outlet, without programming port	300 972-BA1000
35° outlet, with programming port	300 972-BB1000
90° outlet, without programming port, fast-wiring	300 972-BA2000
90° outlet, with programming port, fast-wiring	300 972-BB2000
90° outlet, without programming port, optical isolation	300 972-BA5000
35° outlet, without all metal	300 972-BA4100
35° outlet, with all metal	300 972-BB4100

# iMetal

## RJ45 Fieldbus Connector

Compatible with Profinet, Ethercat, and CANopen cables, iMetal series of RJ45 connector enable a fast and easily connection, even in the harsh environment.

- Quick-connect technology, easily connected with quad twisted pair
- Transparent cap and colorful blade terminal to prevent wiring errors
- Industrial grade aluminum metal shell, safe and reliable
- Rotary locking design, without screws
- Transfer rate up to 100M



Interface	
Industrial Ethernet FC standard interface	4 integrated insulation piercing contacts
Industrial Ethernet RJ45 interface	One RJ45 interface
Baud rate	100MBit/S
Extension	
TP Cable Length	0-100M
Temperature	
Working Temperature	-20°C-70°C
Transport/ Storage Temperature	-40°C-80°C
Relative Humidity	<95%
Design	
Dimensions ( W×H×D ) mm	13.6×16×53.6
Weight	40g
Degree of Protection	IP20
Product Description	
180°Field-bus connector	300 901-1BB10
90°Field-bus connector	300 901-1BG10