

User-friendly auto locking connector

HR34B series



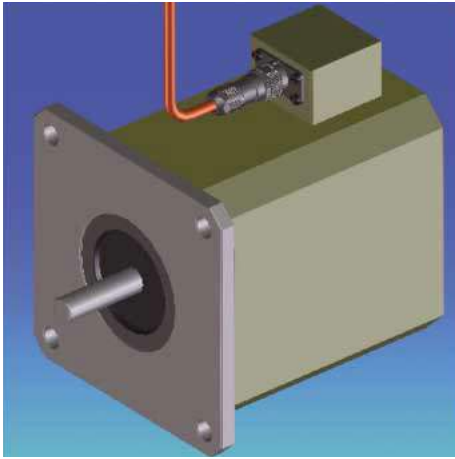
Features

- User-friendly auto locking
- IP67 waterproof
- 4 and 10 pins available
- Right angled plug and crimp type available for 10 pins

HRS

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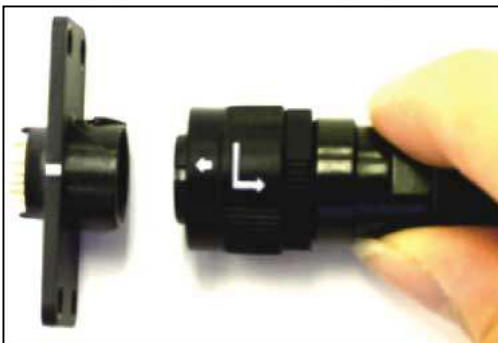
Applications



- **Servo motor**
- FA robots
- CNC machines
- Telecom equipments

Main feature

■ For mating



Push the shell



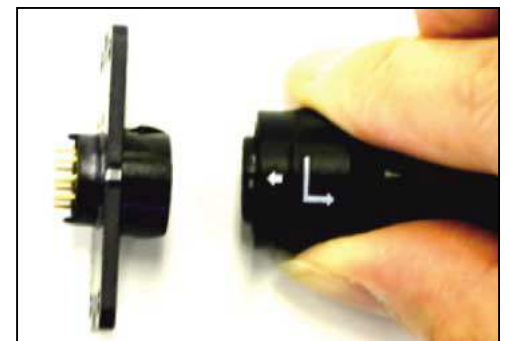
Lock completed



■ For unmating






Turn the coupling sleeve and pull the plug



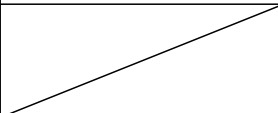


Original designed auto locking mechanism helps to operate easy and quick mating and unmating. It provides security against vibration, shocks and pulling on the cable.

Varieties

■ Receptacles

| 10 pin | | 4 pin |
|---|---|---|
| Rectangular | Square | Square |
| HR34B-12WR-10PD | HR34B-12WRA-10P | HR34B-12WRB-4P |
| Solder mount on PCB | Solder wire termination | Solder wire termination |
|  |  |  |

■ Plugs

| | 10 pin | | 4 pin | |
|--------------------|---|---|--|-------------------|
| | Straight | Right angled | Straight | Right angled |
| Solder termination | HR34B-12WPA-10S(ϕA) HR34B-12WPB-10S(ϕB) | HR34B-12WLPA-10S(ϕA) HR34B-12WLPB-10S(ϕB) | HR34B-12WPD-4S(ϕA) HR34B-12WPE-4S(ϕB) | Under development |
| Crimp termination | HR34B-12WPA-10SC(ϕA) HR34B-12WPB-10SC(ϕB) | HR34B-12WLPA-10SC(ϕA) HR34B-12WLPB-10SC(ϕB) |  | |
| |  |  | | |

■ Plugs for flexible conduit

| | |
|---------------------|--|
| 10 pin straight | HR34B-12WPF-10S(ϕA) HR34B-12WPG-10S(ϕB) |
| 10 pin right angled | HR34B-12WLPF-10S(ϕA) HR34B-12WLPG-10S(ϕB) |
| 4 pin straight | HR34B-12WPH-4S(ϕA) HR34B-12WPK-4S(ϕB) |

Note : ϕA is for from 5.7 to 7.3mm and ϕB is for from 6.5 to 8mm cable diameter.

Specifications

| | 10 pin | 4 pin |
|---------------------------------|-----------------------|--------------|
| Rated voltage | AC 30V, DC42 V | AC 200V |
| Dielectric withstanding voltage | AC 900V | AC 2000V |
| Insulation resistance | 1000MΩ min | |
| Rated current | 3A | 5A |
| Applicable wire | up to AWG 24 | up to AWG 20 |
| Wire termination | Soldering or crimping | Soldering |

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