Coupling connectors

3 & 4 way sealed coupling housings for 4.8 and 9.5 mm terminals

Features

- 3 and 4 position housings available
- Circumferential interface seal on female housing
- Waterproof application with single wire seal
- Lateral secondary lock on the 3 position female housing for terminal position assurance (T.P.A.)
- Front secondary lock on the 4 position housing for terminal position assurance (T.P.A.)
- Plastic locking feature
- Mechanical polarization
- Several codes available

Performance characteristics

- Temperature range: from -40°C to +120°C
- Contact retention force:
 > 160 N for 9.5 mm terminals
- Contact insertion force:
 < 20 N for 9.5 mm terminals
- Connector mating force: <150 N

IP 67

- Sealing protection:
- Acceptable wire range:
 - 4.0 mm² for 4.8 mm terminals
 - 10 mm² for 9.5 mm terminals



Construction

- Housing material: PBT
 Interface seal: Silicone
 - Interrace seal: Silicone

Tooling

Consult us

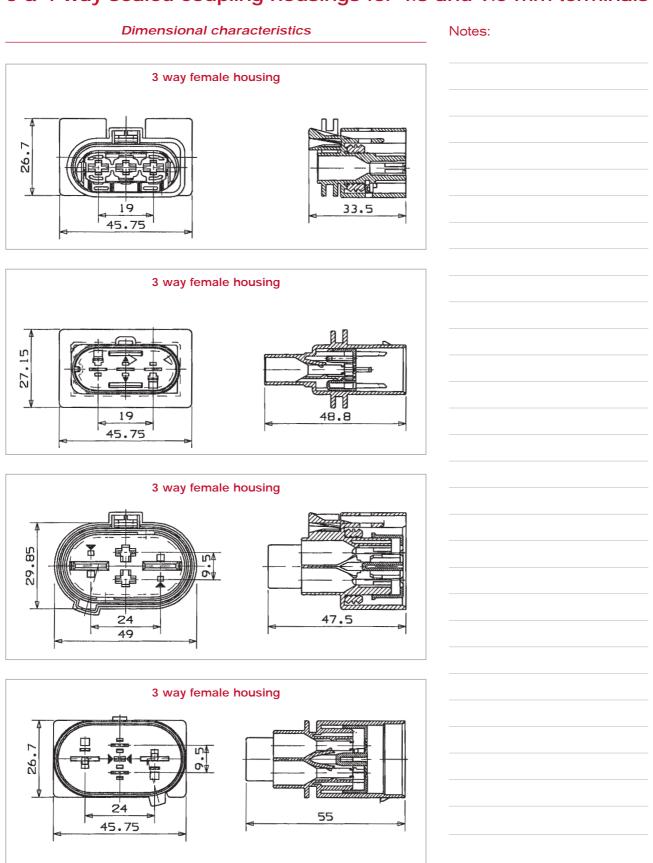
• Terminal removal tool:

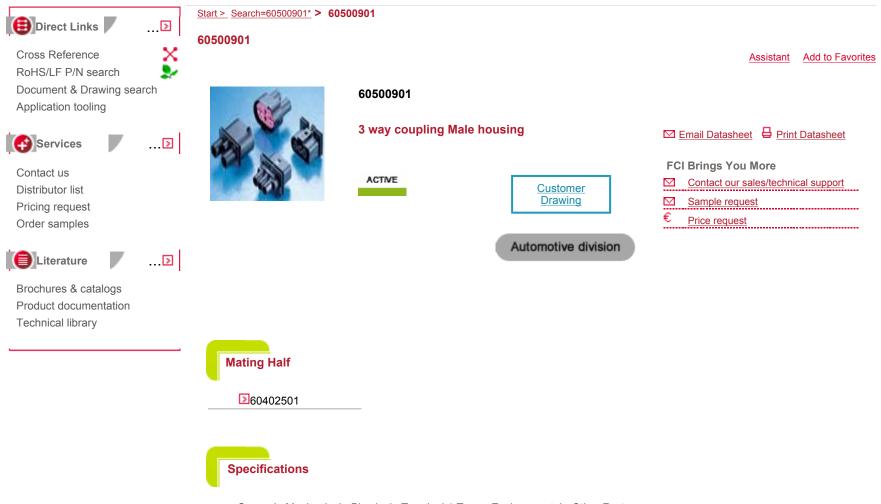
Connector compatibility

- Usable terminals:
- 4.8 mm terminals
- DCS-1 9.5 mm female terminals
- DCS-1 9.5 mm male terminals

Part Numbers	No. of position	Terminal size	Туре	Code	Colour
6 040 25 01	3	4.8 mm	Female housing	None	Black
6 050 09 01	З	4.8 mm	Male housing	None	Black
6 041 19 01	4	2 x [4.8 mm] + 2 x [9.5 mm]	Female housing	1	Black
6 041 25 01	4	2 x [4.8 mm] + 2 x [9.5 mm]	Female housing	2	Black
6 051 06 01	4	2 x [4.8 mm] + 2 x [9.5 mm]	Male housing	1	Black
6 051 08 01	4	2 x [4.8 mm] + 2 x [9.5 mm]	Male housing	2	Black

3 & 4 way sealed coupling housings for 4.8 and 9.5 mm terminals





General Mechanical Physical Terminal 1 Type Environmental Other Features

<u>General</u>

Application	Wire to Wire
Ways	3
Product Type	Housing
Coding	No
Family	Wire to Wire

	Waterproof application with single wire seal Mechanical polarization Plastic locking feature		
Features	Sealing protection IP 67 Front secondary lock on the 4 position housing for terminal		
	position assurance (T.P.A.) Acceptable wire size range 4.0 mm ² for 4.8 mm & 10 mm ² for 2.8 mm Terminals		
Hybrid	No		
Main Terminal family	Other		
Main Terminal size	4.8 mm		
Sealed	Yes		
Terminal Size	4.8		
Mechanical			
Connector mating force	< 150N		
Physical			
Color	Black		
Material	PBT		
Temperature (Range)	-40°C to+120°C		
Terminal 1 Type			
Terminal type 1	Male 4.8 mm Terminal		
Ways for Terminal Type 1	3		
Environmental			
IMDS	Yes		
Other Features			
Туре	Male		
Disclaimer	Displayed data is for information purposes only. For more information, please contact your local sales office. The supply of some products might be limited to some customers.		