



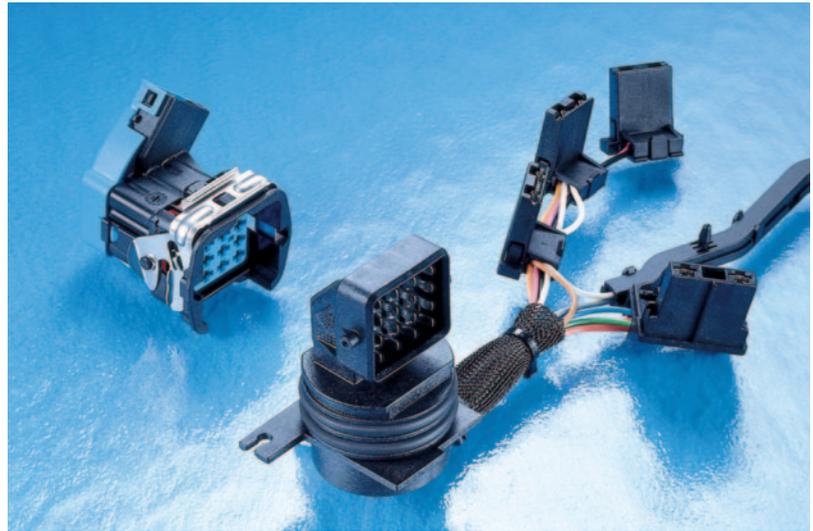
# Gear box connectors

DCS-1

## 13 & 16 way sealed connector system for 2.8 mm terminals

### Features

- Waterproof application with single wire seal
- Flat interface seal on female housing
- Double sealing with 2 O-rings on male connector
- Additional terminal locking device pre-assembled on front part of the female housing
- Moulded-in stamping grid for male connector
- Locking latch
- Mechanical polarization
- Cable fixing device and cover



### Performance characteristics

- Temperature range:
  - from -40°C to +120°C for female housing
  - from -40°C to +160°C for male connector
- Contact retention force: > 80 N for female housing
- Contact insertion force: < 20 N for female housing
- Connector mating force: Consult us
- Sealing protection: IP 67

### Construction

- Housing material:
  - PBT for female housing
  - Polyamide for pin header
- Flat interface seal: Silicone
- O-ring seal: FKM
- Tab material and plating: CuZn/Sn for male connector

### Tooling

- Front device removal tool: Consult us
- Terminal removal tool: Consult us

### Connector compatibility

- Usable terminals:
  - DCS-1 2.8 mm female terminals (lanceless version)

Part Numbers	No. of position	Terminal size	Type	Colour
4 044 01 11	16	2.8 mm	Female housing	Black
6 400 06 13	16	2.8 x 0.8 mm	Male connector	Black
4 099 28 05			Cover for female housing	Blue

