



# Headlamp connectors

DCS-1

## Headlamp interface connector system for 2.8 mm terminals

### Features

- 6 and 7 position housings available
- Triple row 5 x 5 mm staggered pitch
- Waterproof application with single wire seal
- Circumferential interface seal on female housing
- O-ring seal on male housing
- Additional terminal locking device pre-assembled on front part of the housing
- Plastic locking feature
- Mechanical polarization
- Several colour available



### Performance characteristics

- Temperature range: from -40°C to +120°C
- Contact retention force: > 100 N
- Contact insertion force: < 20 N for DCS-1 standard version < 15 N for DCS-1 box version
- Connector mating force: < 90 N
- Sealing protection: IP 67
- Acceptable wire range: from 0.35 to 1.5 mm<sup>2</sup>

### Construction

- Housing material: PBT
- Interface seal: Silicone

### Tooling

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

### Connector compatibility

- Usable terminals:
  - DCS-1 2.8 mm female terminals (standard version)
  - DCS-1 2.8 mm female terminals (power version)
  - DCS-1 2.8 mm female terminals (box version)
  - DCS-1 2.8 mm male terminals

Part Numbers	No. of position	Terminal size	Type	Cavity blocked	Colour
6 042 19 01	7	2.8 mm Box	Female housing	-	Black
6 042 19 07	7	2.8 mm Box	Female housing	-	Green
6 042 22 01	3 (7)	2.8 mm Standard/Power	Female housing	1,2,3,5	Black
6 052 00 11	6 (7)	2.8 mm Male	Male housing	5	Black
6 052 00 16	7	2.8 mm Male	Male housing	-	White
6 052 00 17	7	2.8 mm Male	Male housing	-	Green

