

# Coupling connectors

## DuoTwin / DCS-2

### 17 way coupling housing for 0.64 + 1.5 + 2.8 mm terminals

#### Features

- 17 position housing
- Triple row connector
- Lateral secondary lock for terminal position assurance (T.P.A.)
- Go-No Go housing locking principle
- Mechanical polarization
- Several colours available



#### Performance characteristics

- Temperature range:  
from -40°C to +120°C
- Contact retention force:  
> 50 N for DuoTwin 0.64 mm terminals  
> 55 N for DCS-2 1.5 mm terminals  
> 80 N for DCS-2 2.8 mm terminals
- Contact insertion force:  
< 2 N for DuoTwin 0.64 mm terminals  
< 10 N for DCS-2 1.5 mm terminals  
< 15 N for DCS-2 2.8 mm terminals
- Connector mating force: < 100 N

#### Construction

- Housing material: PBT

#### Tooling

- Terminal removal tool: Consult us
- Mini applicator: Consult us

#### Connector compatibility

- Usable terminals:
  - DuoTwin 0.64 mm female terminals
  - DCS-2 1.5 mm terminals
  - DCS-2 2.8 mm terminals

Part Numbers	No. of position	Terminal size	Code	Type	Colour
3 023 28 01	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	1	Female housing	Black
3 023 28 02	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	1	Female housing	Dark-Brown
3 023 28 06	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	1	Female housing	White
3 023 28 12	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	2	Female housing	Brown
3 023 28 17	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	2	Female housing	Green
3 023 28 23	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	3	Female housing	Red
3 023 28 28	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	3	Female housing	Grey
3 023 28 30	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	4	Female housing	Orange
3 023 28 35	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	4	Female housing	Blue



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Part Numbers	No. of position	Terminal size	Code	Type	Colour
3 033 08 01	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	1	Male housing	Black
3 033 08 02	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	1	Male housing	Dark-Brown
3 033 08 06	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	1	Male housing	White
3 033 08 12	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	2	Male housing	Brown
3 033 08 17	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	2	Male housing	Green
3 033 08 23	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	3	Male housing	Red
3 033 08 28	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	3	Male housing	Grey
3 033 08 30	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	4	Male housing	Orange
3 033 08 35	17	14 x [0.64 mm] + 2 x [1.5 mm] + 1 x [2.8 mm]	4	Male housing	Blue

### Dimensional characteristics

