Rosenberger 4 Pin Data Cable Assemblies

New Rosenberger 4 pin data cable assemblies with EMC protected and waterproof data connectors in smallest dimensions can be used in various LEV’s, e.g. in modern e-bikes or scooters. The contact system conforms to automotive standards.

**Connector Features**
- 4 Pin Data Connectors (plug and jack)
- Inline connection designed for EMC
- Waterproof
- Cost effective
- Compact design – Very low space requirements max. Ø 7 mm
- Contact system tested according to automotive standards
- Innovative snap system

**Cable Features**
- Symmetrically constructed twisted pair cable for an excellent EMC – 4 x 0.35 mm² wires
- Insulation TPE, Jacket TPU

**Applications**
- Rosenberger 4 pin data cable assemblies are designed especially for LEV’s, e.g. e-bikes
**Rosenberger 4 Pin Data Connectors for LEV applications**

### Electrical characteristics
- Insulation resistance \( \geq 1 \times 10^3 \text{ M}\Omega \)
- Contact resistance \( \leq 5 \text{ m}\Omega \)
- Max. current \( \leq 2 \text{ A DC per pin} \)
- Working voltage 12 V rms

### Mechanical characteristics
- Mating cycles \( \geq 25 \)
- Engagement force \( \leq 20 \text{ N} \)
- Disengagement force \( \geq 30 \text{ N} \)

### Environmental data
- Temperature range -40 °C to +65 °C
- Vibration resistance
- Shock resistance
- Dust and water resistance

*xxx: please fill in requested length in mm

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