

**Industrial Ethernet  
IE-PS-SCRJ1-POF**

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FO SC-RJ plug-in connectors according to IEC 61754-24  
for wire outer diameters 2.6 to 3 mm

**General ordering data**

|            |                                    |
|------------|------------------------------------|
| Type       | IE-PS-SCRJ1-POF                    |
| Order No.  | <a href="#">1206720000</a>         |
| Version    | FO connector, Plug SCRJ, POF, IP20 |
| GTIN (EAN) | 4032248988570                      |
| Qty.       | 10 pc(s).                          |

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## Technical data

### Dimensions and weights

Net weight 17.9 g

### Temperatures

|                             |                        |                             |                |
|-----------------------------|------------------------|-----------------------------|----------------|
| Humidity                    | 0...93 % rel. humidity | Operating temperature, max. | 80 °C          |
| Operating temperature, min. | -20 °C                 | Operating temperature       | -20 °C...80 °C |
| Storage temperature         |                        | Installation temperature    |                |

### General data

|                                    |                             |                                |  |
|------------------------------------|-----------------------------|--------------------------------|--|
| Bending protection sleeve material | TPE                         | Cable pull-out force, min.     | 100 N                                      |
| Connection 1                       | SCRJ                        | Connection 2                   | Rapid connection system: crimping, cutting |
| Crimp barrel material              | Copper, nickel-plated       | Description of article         | Plug SCRJ, POF                             |
| Dust protection cap material       | TPE                         | Ferrule material               | Nickel silver, Hole 1050 µm                |
| Fibre type                         | POF                         | Housing main material          | PC UL 94 V0                                |
| Housing material, insert           | Zinc diecast                | Humidity                       | 0...93 % rel. humidity                     |
| Insertion loss                     | ≤ 1.0 dB                    | Plugging cycles                | 1000                                       |
| Pressure spring material           | Stainless steel, rust-proof | Protection degree              | IP20                                       |
| Sheath diameter, max.              | 3.6 mm                      | Single conductor diameter, max | 2.2 mm                                     |

### Standards

|                    |              |                      |         |
|--------------------|--------------|----------------------|---------|
| Connector standard | IEC 61754-24 | Certificate No. (UL) | E477798 |
|--------------------|--------------|----------------------|---------|

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 4.0   | EC001264    | ETIM 5.0   | EC001264    |
| ETIM 6.0   | EC001122    | eClass 6.2 | 27-25-05-04 |
| eClass 7.1 | 27-25-05-04 | eClass 8.1 | 19-17-01-25 |
| eClass 9.0 | 19-17-01-22 | eClass 9.1 | 19-07-01-22 |

### Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Downloads

|                    |  |
|--------------------|--|
| Brochure/Catalogue | <a href="#">CAT 9 IETH 15/16 EN</a><br><a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a> |
| User Documentation | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a>   |

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**Drawings**

**Dimensioned drawing**

