

**Industrial Ethernet  
IE-PS-SCRJ1-SM**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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Germany  
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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-SM
Order No.	<a href="#">1206740000</a>
Version	FO connector, Plug SCRJ, singlemode, IP20
GTIN (EAN)	4032248988396
Qty.	10 pc(s).

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**Technical data****Dimensions and weights**

Net weight	16.1 g
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**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	gluing, crimping, polishing
Crimp barrel material	Copper, nickel-plated	Description of article	Plug SCRJ, singlemode
Dust protection cap material	TPE	Ferrule material	Zirconia, Hole 125.5 µm
Fibre type	GOF, Singlemode	Housing main material	PC UL 94 V0
Housing material, insert	Zinc diecast	Humidity	0...93 % rel. humidity
Insertion loss	≤ 0.5 dB	Plugging cycles	1000
Pressure spring material	Stainless steel, rust-proof	Protection degree	IP20
Return loss (attenuation)	≥ 40 dB	Sheath diameter, max.	3 mm
Sheath diameter, min.	2.8 mm	Single conductor diameter, max	1.4 mm
Single conductor diameter, min	0.6 mm		

**Standards**

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

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

**Data sheet**

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**Drawings**

**Dimensioned drawing**

