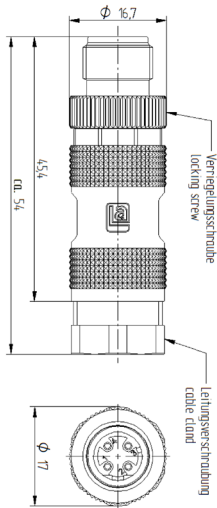




## Rugged Field Attachable Micro M12 Connectors for EtherNet/IP and PROFINET applications with IDC technology – International Railway Standard



Type	BRSCIS 4D/9
<b>Product description</b>	Field attachable connector, M12 male connector, 4-pole with threaded joint. 4 poles, PG 9 cable gland, strain-relief clamping cage, AWG24, AWG 22 *, DIN EN 61076-2-101, D-coded, Data transfer rate up to 100 Mbit/s (cat 5), silver color housing
<b>RoHS (2011/66/EU)</b>	Yes
<b>Standards</b>	IEC 61076-2-101
<b>Approvals</b>	– Rail approved version – DIN EN 50155, DIN 45545-2, DIN EN 50487, DIN EN 61373
<b>Environmental</b>	
<b>Degree of protection</b>	IP65, IP67** (Only in properly locked position with suitable counterpart)
<b>Operating temperature range</b>	(connector) -40°C to +85°C, assembly in the field: 0°C to +50°C
<b>Mechanical</b>	
<b>Contact</b>	CuSn
<b>Contact plating</b>	Ni/Au
<b>Contact bearer</b>	PA
<b>heald</b>	PA transparent
<b>Housing</b>	CuZn, Ni-plated
<b>Surface housing</b>	Ni
<b>O-ring</b>	FKM
<b>Flammability class</b>	Contact bearer UL 94 V-2
<b>Fastening torque (locking screw)</b>	M 12x1: (50) Ncm , hand-tight
<b>Knurled Screw/Nut Material</b>	CuZn, Ni-plated
<b>Electrical</b>	
<b>Insulation Resistance</b>	≤ 10 mΩ
<b>Pin dimensions</b>	Ø 1 mm
<b>Rated voltage</b>	250V AC/DC
<b>Rated impulse voltage</b>	2,5 kV
<b>Rated current ***</b>	4 A
<b>Mating cycles</b>	100
<b>Pollution degree</b>	3 acc. to DIN EN 60664-1 (VDE0110)
<b>Type of connection</b>	Insulation Displacement
<b>Suitable cables*</b>	Ø6,0 mm to Ø8,0 mm and AWG 22 to AWG 24

Good chemical resistance. The resistance has to be checked in individual cases.

\* Use of cable 508 (no. 197508000) only. Additional cables can be qualified on request.

\*\* Only if mounted and locked properly in combination with Hirschmann/Lumberg connector.

\*\*\* Notice derating

### Pin assignment

M12, Male, 4-poles D-coding



Part number	Order number
BRSCIS 4D/9	934-828-001

