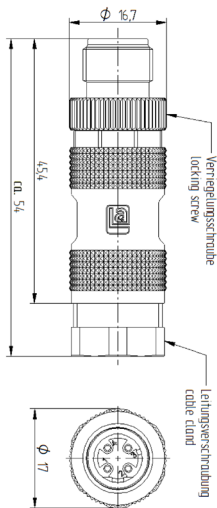




Rugged Field Attachable Micro M12 Connectors for EtherNet/IP and PROFINET applications with IDC technology – International Railway Standard



Type	BRSCIS 4D/9
Product description	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
RoHS (2011/66/EU)	Yes
Standards	IEC 61076-2-101
Approvals	– Rail approved version – DIN EN 50155, DIN 45545-2, DIN EN 50487, DIN EN 61373
Environmental	
Degree of protection	IP65, IP67** (Only in properly locked position with suitable counterpart)
Operating temperature range	(connector) -40°C to +85°C, assembly in the field: 0°C to +50°C
Mechanical	
Contact	CuSn
Contact plating	Ni/Au
Contact bearer	PA
heald	PA transparent
Housing	CuZn, Ni-plated
Surface housing	Ni
O-ring	FKM
Flammability class	Contact bearer UL 94 V-2
Fastening torque (locking screw)	M 12x1: (50) Ncm , hand-tight
Knurled Screw/Nut Material	CuZn, Ni-plated
Electrical	
Insulation Resistance	≤ 10 mΩ
Pin dimensions	Ø 1 mm
Rated voltage	250V AC/DC
Rated impulse voltage	2,5 kV
Rated current ***	4 A
Mating cycles	100
Pollution degree	3 acc. to DIN EN 60664-1 (VDE0110)
Type of connection	Insulation Displacement
Suitable cables*	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



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