

Basic features

Application	CC-Link
Approval/Conformity	CE cULus WEEE

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	8 x D
Cable	PVC Shielded Red, 1 m
Cable diameter D	7.70 mm ±0.30 mm
Conductor cross-section	20 AWG
Connection	M12x1-Female, straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	3
Number of pins	5
System	Molded

Electrical data

Operating voltage U_b	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A
Surge impedance	110 Ohm ±15 Ohm

Environmental conditions

Cable temperature, fixed routing	-40...70 °C
IP rating	IP67, IP68, IP69K

Material

Cable jacket material, note	Shielded
Cable jacket, material	PVC
Cable shield	Copper braid, tin-plated
Material contact carrier	PUR
Material contacts	Bronze
Material cover nut	Die-cast zinc
Material grip	PUR

Mechanical data

Cable jacket, color	Red
Cable length L	1.00 m
Tightening torque pigtail	0.6 Nm

Remarks

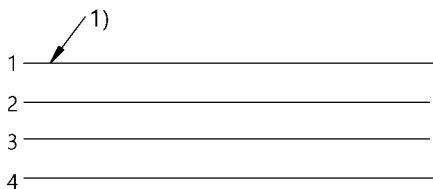
Cable constructed per UL-Style CM UL/CSA 75°C / PLTC
Flame resistant per UL 1685 (CSA FT4)
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: shield
PIN 2: white
PIN 3: yellow
PIN 4: blue

Wiring Diagrams



1) Shield on PIN 1