

Basic features

Approval/Conformity	CE cULus Ecolab WEEE
Base type deviation	C002: gray handle body

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded gray, 20 m, drag chain compatible
Cable diameter D	4.80 mm ±0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.25 mm ²
Connection	M12x1-Female, angled, 5-pin, A-coded
Connector configuration	right-angle
Number of conductors	5
Number of pins	5
System	Molded

Electrical data

Operating voltage U_b	60 VDC / 60 VAC
Rated current (40 °C)	4.0 A

Remarks

Cable construction acc. to UL-AWM Style 20549
 Halogen-free per DIN VDE 0472 Part 815
 Silicone-free
 Flame resistance per UL FT2
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67, IP68, IP69K

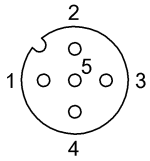
Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Material contact carrier	PUR
Material contacts	Bronze
Material cover nut	1.4404 stainless steel
Material grip	PUR

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	gray
Cable length L	20.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Connector Drawings



PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

PIN 5: gray

Wiring Diagrams

