

## Basic features

Approval/Conformity	CE cULus WEEE
---------------------	---------------------

## Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	12 x D
Cable	PUR black, 5 m, drag chain compatible
Cable diameter D	3.10 mm ±0.10 mm
Cable, bending cycles min.	1 mil.
Conductor cross-section	0.14 mm <sup>2</sup>
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

## Remarks

Halogen-free  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

## Environmental conditions

Cable temperature, fixed routing	-25...80 °C
Cable temperature, flexible routing	-5...80 °C
IP rating	IP67, IP68, IP69K

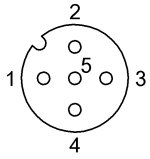
## Material

Cable jacket, material	PUR
Material contact carrier	PUR
Material contacts	Bronze
Material cover nut	Die-cast zinc
Material grip	PUR

## Mechanical data

Acceleration max., drag chain	2 m/s <sup>2</sup>
Cable jacket, color	black
Cable length L	5.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	3 m
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	50 m/min

## Connector Drawings



PIN 1: brown

PIN 3: blue

PIN 4: black

## Wiring Diagrams

