



## Basic features

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

## Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Yellow, 10 m, drag chain compatible
Cable diameter D	4.70 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Cable, torsion stress	±180°/m
Conductor cross-section	0.34 mm <sup>2</sup>
Connection	M8x1-Female, straight, 4-pin, A-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	4
System	Molded

## Electrical data

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

## Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67, IP69K

## Interface

Switching output	Complementary
------------------	---------------

## Material

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

## Mechanical data

Acceleration max., drag chain	5 m/s <sup>2</sup>
Cable jacket, color	Yellow
Cable length L	10.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.4 Nm
Traverse speed max., drag chain	200 m/min

Remarks

Cable construction acc. to UL-AWM Style 20233  
Halogen-free acc. to EN 50267-2-1  
Silicone-free  
Flame resistance acc. to IEC 60332-2-2, UL 1581, FT 1  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**



PIN 1: brown  
PIN 2: white  
PIN 3: blue  
PIN 4: black

**Wiring Diagrams**

