



### Basic features

Approval/Conformity	CE cULus Ecolab WEEE
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### Display/Operation

Function indicator (Pin 4)	LED yellow
Power indicator	Green LED

### Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PVC Yellow, 20 m, drag chain compatible
Cable diameter D	4.70 mm ±0.15 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	22 AWG
Connection	M12x1-Female, angled, 5-pin, A-coded
Connector configuration	right-angle
Number of conductors	3
Number of pins	5
System	Molded

### Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage $U_b$	30 VDC
Rated current (40 °C)	4.0 A

### Environmental conditions

Cable temperature, drag chain	-5...60 °C
Cable temperature, fixed routing	-40...105 °C
Cable temperature, flexible routing	-5...105 °C
IP rating	IP67, IP68, IP69K

### Interface

Switching output	PNP normally open (NO)
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### Material

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

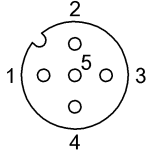
### Mechanical data

Acceleration max., drag chain	5 m/s <sup>2</sup>
Cable jacket, color	Yellow
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

## Remarks

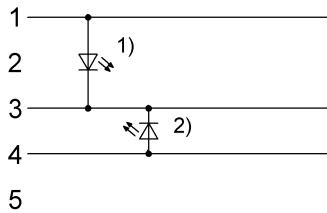
Bulk cable approval per UL-AWM Style 2661 & CSA AWM I/II A/B  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

## Connector Drawings



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

## Wiring Diagrams



1) Green LED = Power  
2) Yellow LED = Function