

Basic features

Approval/Conformity	WEEE
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Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 15 m, drag chain compatible
Cable diameter D	9.30 mm ±0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.50 mm ² + 1.0 mm ²
Connection	M23x1-Female, straight, 12-pin
Connector configuration	Straight
Number of conductors	11
Number of pins	12
System	Molded

Electrical data

Operating voltage U _b	250 VDC / 250 VAC
Rated current (40 °C)	8.0 A

Environmental conditions

Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67

Material

Cable jacket, material	PUR
Material contact carrier	PBT
Material contacts	Brass
Material cover nut	Brass
	nickel-plated
Material grip	PUR

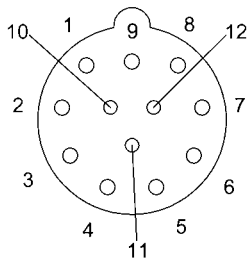
Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	15.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Remarks

Cable construction acc. to UL-AWM Style 21198
Halogen-free acc. to IEC 60754-1
Silicone-free
Flame resistance per IEC 60332-2-2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



- PIN 1: white
- PIN 2: green
- PIN 3: yellow
- PIN 4: gray
- PIN 5: gray/pink
- PIN 6: red/blue
- PIN 7: white/green
- PIN 8: brown/green
- PIN 9: blue (1.0mm²)
- PIN10: blue (1.0mm²)
- PIN 11: brown (1.0mm²)
- PIN12: green/yellow (1.0mm²)

Wiring Diagrams

