

Basic features

Approval/Conformity	CE 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, 20 m, drag chain compatible
Cable diameter D	11.60 mm -0.30 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.50 mm ² + 1.0 mm ²
Connection	M23x1-Female, straight, 19-pin
Connector configuration	Straight
Number of conductors	19
Number of pins	19
System	Molded

Electrical data

Operating voltage U _b	125 VDC / 125 VAC
Rated current 0.5 mm ² (40 °C)	4.0 A
Rated current 1.0 mm ² (40 °C)	8.0 A

Remarks

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Environmental conditions

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

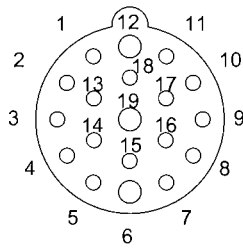
Material

Cable jacket, material	PUR
Material contact carrier	PBT
Material contacts	Bronze
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	20.00 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

Connector Drawings



- PIN 1: violet
- PIN 2: red
- PIN 3: gray
- PIN 4: red/blue
- PIN 5: green
- PIN 6: blue (1.0mm²)
- PIN 7: gray/pink
- PIN 8: white/green
- PIN 9: white/yellow
- PIN10: white/gray
- PIN 11: black
- PIN12: green/yellow (1.0mm²)
- PIN13: yellow/brown
- PIN 14: brown/green
- PIN 15: white
- PIN 16: yellow
- PIN 17: pink
- PIN 18: gray/brown
- PIN 19: brown (1.0mm²)

Wiring Diagrams

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____
- 9 _____
- 10 _____
- 11 _____
- 12 _____
- 13 _____
- 14 _____
- 15 _____
- 16 _____
- 17 _____
- 18 _____
- 19 _____