

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, 2 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 ²
Connection	M8x1-Male, angled, 3-pin, A-coded
Connector configuration	right-angle
Number of conductors	3
Number of pins	3
System	Molded

Electrical data

Operating voltage U_b	60 VDC / 60 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, IP69K

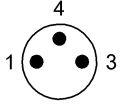
Material

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

Mechanical data

Acceleration max., drag chain	2 m/s ²
Cable jacket, color	black
Cable length L	2.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	3 m
Tightening torque pigtail	0.4 Nm
Traverse speed max., drag chain	50 m/min

Connector Drawings



PIN 1: brown

PIN 3: blue

PIN 4: black

Wiring Diagrams

