

4MT5
(CYJV CABLE ASSEMBLY)



Basic features

Application	Welding area
Approval/Conformity	cULus EAC WEEE

Electrical connection

Bending radius min., fixed cable	10 x D
Bending radius min., flexible cable	15 x D
Cable	Silicone welding spark resistant black, 5.00 m
Cable diameter D	5.70 mm ±0.25 mm
Conductor cross-section	0.34 mm ²
Connection	M12x1-Female, Straight, 5-pin, A-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	5
System	Molded

Electrical data

Operating voltage U_b	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature UL max., fixed routing	150 °C
Cable temperature UL max., flexible routing	150 °C
Cable temperature, fixed routing	-40...200 °C
Cable temperature, flexible routing	-25...200 °C
IP rating	IP65

Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	Silicone
Material contact carrier	PUR, special
Material contacts	Bronze
Material cover nut	Brass PTFE coated
Material grip	PUR, special

Mechanical data

Cable jacket, color	black
Cable length L	5.00 m
Tightening torque pigtail	0.6 Nm

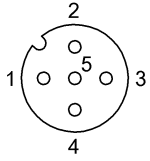
Output/Interface

Switching output	Complementary
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Remarks

Cable construction acc. to UL-AWM Style 4535
 Halogen-free per IEC 60754
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.
 Enclosure rating per IEC 60529, 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

