

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, 4 m
Cable diameter D	5.70 mm ±0.25 mm
Conductor cross-section	0.34 mm <sup>2</sup>
Connection 1	M12x1-Female, angled, 5-pin, A-coded
Connection 2	M12x1-Male, straight, 4-pin, A-coded
Number of conductors	4
System	Molded/Molded

## Electrical data

Operating voltage U <sub>b</sub>	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
Protection degree	IP65/IP65

## Material

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

## Mechanical data

Cable jacket, color	black
Cable length L	4.00 m
Tightening torque pigtail	0.6 Nm/0.6 Nm

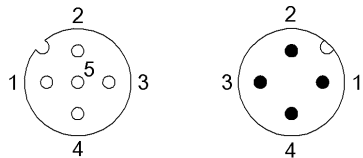
## Output/Interface

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**



- |              |              |
|--------------|--------------|
| I            | II           |
| PIN 1: brown | PIN 1: brown |
| PIN 2: white | PIN 2: white |
| PIN 3: blue  | PIN 3: blue  |
| PIN 4: black | PIN 4: black |
| PIN 5: n.c.  |              |

**Wiring Diagrams**

