

4MT5  
(CYJV CABLE ASSEMBLY)



## Basic features

Application	Welding area
Approval/Conformity	cULus EAC WEEE

## Electrical connection

Bending radius min., fixed cable	7.5 x D
Bending radius min., flexible cable	15 x D
Cable	FEP welding spark resistant black, 0.60 m
Cable diameter D	4.10 mm ±0.30 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

## Remarks

Cable construction acc. to UL-AWM Style 2749  
 Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.  
 Flame-retarding  
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

## Environmental conditions

Cable temperature, fixed routing	-100...200 °C
Protection degree	IP65/IP65

## Material

Cable jacket material, note	welding spark resistant
Cable jacket, material	FEP
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

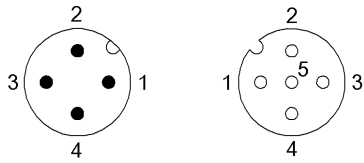
## Mechanical data

Cable jacket, color	black
Cable length L	0.60 m
Tightening torque pigtail	0.6 Nm/0.6 Nm

## Output/Interface

Switching output	Complementary
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## Connector Drawings



- |              |              |
|--------------|--------------|
| II           | I            |
| 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

