

4MT5
(CYJV CABLE ASSEMBLY)



Basic features

Application	very good mechanical strength
Approval/Conformity	cULus EAC WEEE

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 0.30 m
Cable diameter D	5.10 mm ±0.20 mm
Conductor cross-section	0.34 mm ²
Connection 1	M12x1-Female, straight, 5-pin, A-coded
Connection 2	M12x1-Male, angled, 4-pin, A-coded
Number of conductors	4
Protection jacket color	silver
System	Molded/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	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, fixed routing	-50...90 °C
Cable temperature, flexible routing	-25...90 °C
Protection degree	IP65/IP65

Material

Cable jacket, material	PUR
Jacket material	V2A
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	0.30 m
Tightening torque pigtail	0.6 Nm/0.6 Nm

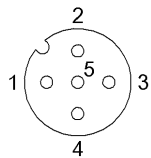
Output/Interface

Switching output	Complementary
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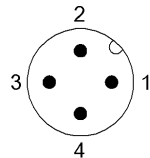
Remarks

Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Flame resistance per UL FT2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



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



II
PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

Wiring Diagrams

