

Female connector - V-RC/TWUM 11/KVD 11/LBL 12 - 1000043

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M23 socket, 12-pos., angled, freely configurable, with solder connection, for external cable diameter of 8 mm ... 12 mm



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 399856
GTIN	4017918399856
Weight per Piece (excluding packing)	169.200 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Rated voltage	150 V
Total rated current	8 A (with 1 mm ² conductor cross section)
Number of positions	12
Flammability rating according to UL 94	V0
Note	The connector is designed for use on sensor/actuator boxes with an M23 plug-in connection.

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-20 °C ... 80 °C

Master cable data/connection data

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Technical data

Master cable data/connection data

Connection method	M23 screw locking
Conductor cross section max. (signal)	1 mm ²
Conductor cross section max. (energy)	1 mm ²
External cable diameter min.	8 mm
External cable diameter max.	12 mm

Insulation material

Housing material	GD-Zn
Housing surface material	Nickel-plated
Contact material	CuZn
Contact surface material	Gold-plated
Contact carrier material	PBT

Connection assignment

Slot/position = pin = conductor color	1 / 4 (A) = 1 = WH
	2 / 4 (A) = 2 = GN
	3 / 4 (A) = 3 = YE
	4 / 4 (A) = 4 = GY
	5 / 4 (A) = 5 = PK
	6 / 4 (A) = 6 = RD
	7 / 4 (A) = 7 = BK
	8 / 4 (A) = 8 = VT
	1-8 / 1 (+ 120 V) = 11 = BN
	1-8 / 3 (0 V) = 9+10 = BU
	1-8 / 5 (PE) = 12 = GN/YE

Standards and Regulations

Flammability rating according to UL 94	V0
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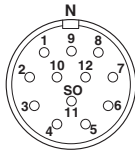
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

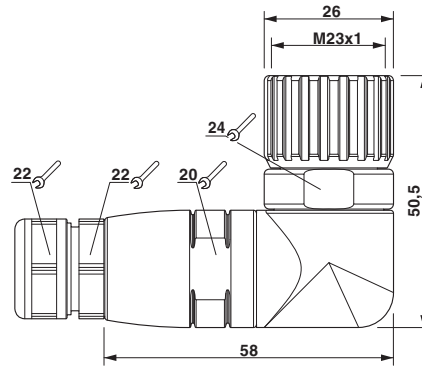
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Schematic diagram



Pin assignment M23 socket, 12-pos., female side view

Dimensional drawing



Approvals

Approvals

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EAC

Ex Approvals

Approval details

EAC B.01742
