

DATASHEET

Pass-through - Electrical - Module - M12



Part number: WM1-A-09-..., WM1-A-10-..., WM1-A-11-...

WM1-A-09-01-01a
WM1-A-10-01-01a
WM1-A-11-01-01a



WM1-A-09-02-01a
WM1-A-10-02-01a
WM1-A-11-02-01a

General information

5m cables are available to connect between the WINGMAN M12 module and your control box, PLC, robot tool etc.

0,3m pigtail cables are available so you can convert a standard M12 cable with a straight connector (I-shaped) into an angled connector (L-shaped) which is a good fit for the WINGMAN system.

The electrical modules are intended for passing through electricity to the robot tool. The modules have no electronic parts inside.

INTERFACES AND PROPERTIES

Connector	M12, 5 pin	M12, 8 pin	M12, 12 pin
Rated voltage AC/DC:	60V	30V	30V
Rated current at 40°C per pin (peak):	4A (6A)	2A (3A)	1,5A (3A)
Shielded pass-through:	Yes	Yes	No
Connector type:	Circular M12		
Connector code:	A-coded		
Applicable standard:	IEC 61076-2-101		
IP classification when engaged:	Minimum IP54		
Housing material:	Surface treated aluminum (Color tone may vary)		

Warning

Power to the pass-through module must be turned off and any residual electricity must be eliminated before tool change takes place. Failing in doing so may result in damage or premature wear of the WINGMAN electric modules and can result in injury caused by unexpected behaviour by the robot tool.

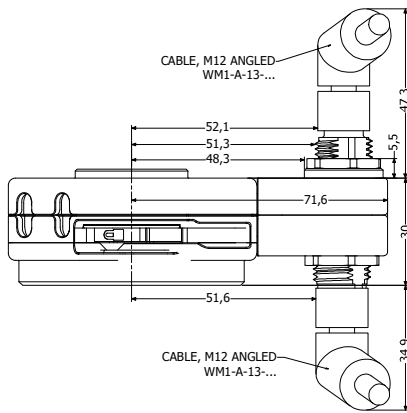


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Part number: WM1-A-09-..., WM1-A-10-..., WM1-A-11-...



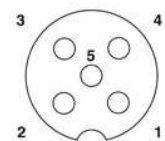
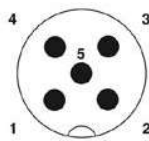
Modules for robot side (side A)

Modules for tool side (side B)



WM1-A-09-01-01a
M12, 5pin, A-coded, male for Robot Part

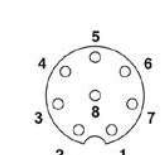
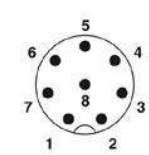
WM1-A-09-02-01a
M12, 5pin, A-coded, female for Tool Part



MATCH

WM1-A-10-01-01a
M12, 8pin, A-coded, male for Robot Part

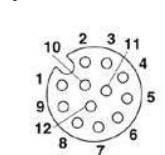
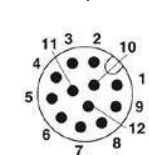
WM1-A-10-02-01a
M12, 8pin, A-coded, female for Tool Part



MATCH

WM1-A-11-01-01a
M12, 12pin, A-coded, male for Robot Part

WM1-A-11-02-01a
M12, 12pin, A-coded, female for Tool Part



MATCH

WM1-A-08-02-02a
Cap module for size 2 for Tool Part

WM1-A-09-01-01a
WM1-A-10-01-01a
WM1-A-11-01-01a



MATCH