

DATASHEET

Pass-through - Electrical - Module - M8



Part number: WM1-A-01-...

WM1-A-01-01-01



WM1-A-01-02-01
WM1-A-01-02-02a

General information

The M8 electrical modules are suitable for plug and play with most cobots, which usually has the standard M8, 8pin connector available at the robot tool flange (TF). 5m cables are available as well as special cables that fits between the WINGMAN and the cobot tool flange (TF) connector.

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

INTERFACES AND PROPERTIES

Connector:	M8, 8 pins
Rated voltage AC/DC:	30V
Rated current at 40°C per pin (peak):	1,5A (3A)
Shielded pass-through:	No
Connector type:	Circular M8
Connector code:	A-coded
Applicable standard:	IEC 61076-2-104
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.

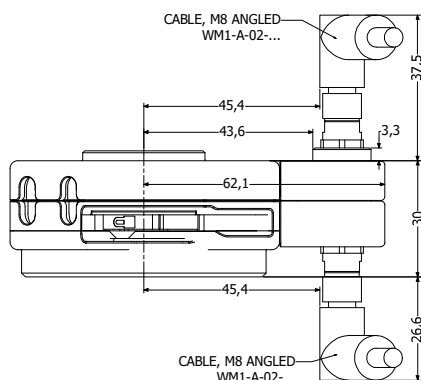


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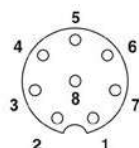
Modules for **robot** side (side A)



24g

WM1-A-01-01-01

M8, 8pin, A-coded, female for Robot Part



MATCH

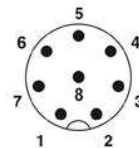
Modules for **tool** side (side B)



WM1-A-01-02-01

24g

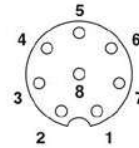
M8, 8pin, A-coded, male for Tool Part



WM1-A-01-02-02a

26g

M8, 8pin, A-coded, female for Tool Part



MATCH

WM1-A-08-02-01

18g

Cap module for size 1 for Tool Part



MATCH