

Sensor Cable M12 8 Pole

The Sensor Cable M12 – open end is designed for connection of Arc Wi 2G Adapter BT to a data recorder, indicator, control unit or PCS (Process Control System) with analog I/O.



M12 female connector

M12 (A coded) Pin designation with respect to Hamilton M12 sensor cable conductor colors in combination with Arc Wi 2G Adapter BT.

M12 PIN	Function	Color	Description
1	+4-20 mA # 1	White	4-20 mA two-wire interface, functions as a current sink and needs to be powered. It regulates the input current according to the sensor measurements. Galvanically isolated from the power supply.
2	-4-20 mA # 1	Brown	
3	+4-20 mA # 2	Green	
4	-4-20 mA # 2	Yellow	
5	RS485 (A)	Grey	Modbus RTU RS485
6	RS485 (B)	Pink	Modbus RTU RS485
7	GND	Blue	Ground
8	+ 24 VDC	Red	Power supply: +24 VDC (7-30 VDC) (Power supply can be external; not from PCS)
Housing	Shield	Green/Yellow	Connected to the housing including the VP8 female connector.

	Length	Ref
Sensor Cable M12 8 Pole	3 m	355320
	5 m	355321
	10 m	355222

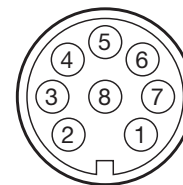


Figure 1: Pin Assignment

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HAMILTON®

Web: www.hamiltoncompany.com

USA: 800-648-5950

Europe: +41-58-610-10-10

Hamilton Americas & Pacific Rim

4970 Energy Way
Reno, Nevada 89502 USA
Tel: +1-775-858-3000
Fax: +1-775-856-7259
sales@hamiltoncompany.com

Hamilton Europe, Asia, & Africa

Via Crusch 8
CH-7402 Bonaduz, Switzerland
Tel: +41-58-610-10-10
Fax: +41-58-610-00-10
contact@hamilton.ch

To find a representative in your area, please visit hamiltoncompany.com/contacts.