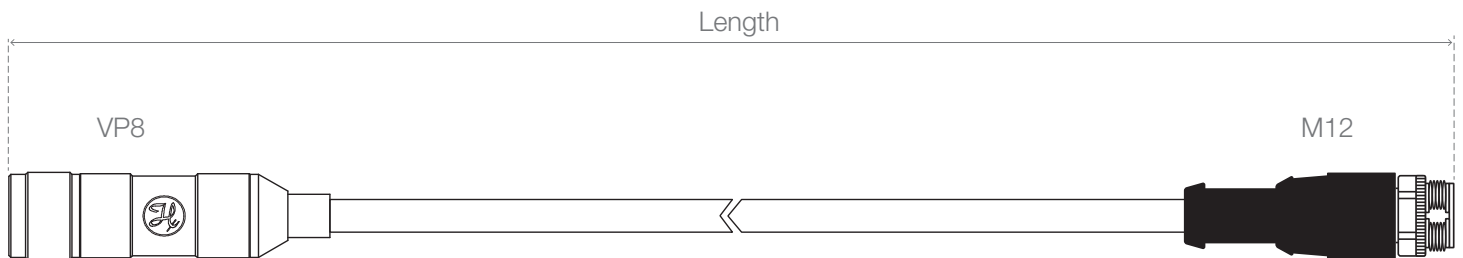


Data Cable VP8 / M12

The Data Cable VP8 / M12 is designed for the use of Arc Sensors with VP8 connector in combination with BioControllers with M12-8 Pole – Female connectors.



VP8 Connector

Pin	Function
A	4 ... 20 mA (2)
B	4 ... 20 mA (1)
C	+ 24 VDC
D	GND (Common)
E	Not connected
F	Not connected
G	RS485 (A)
H	RS485 (B)
Housing	Shield

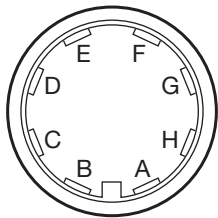
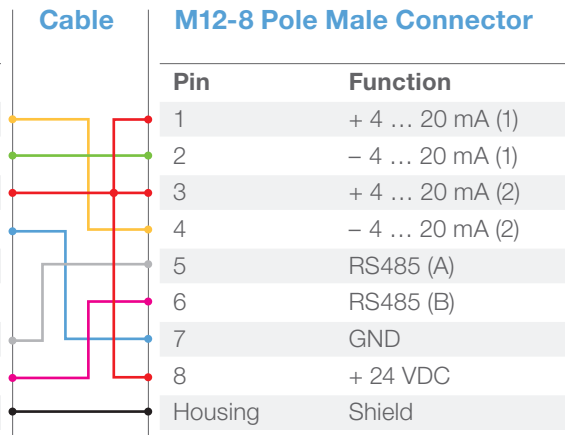


Figure 1: View into VP8 plug

Cable



M12-8 Pole Male Connector

Pin	Function
1	+ 4 ... 20 mA (1)
2	- 4 ... 20 mA (1)
3	+ 4 ... 20 mA (2)
4	- 4 ... 20 mA (2)
5	RS485 (A)
6	RS485 (B)
7	GND
8	+ 24 VDC
Housing	Shield

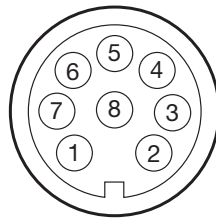


Figure 2: View into male connector

Available Cable Lengths

Ref	Length
10070910	1 m
10071905	3 m
10067844	5 m
10067846	10 m

⚠ ATTENTION! The Arc sensors generates the 4 to 20 mA signals by pulse width modulation (PWM) which is not compatible to all PCS systems. Also a galvanic separation between the power supply and the PCS is necessary for correct sensor functionality when used in 4 to 20 mA setups.

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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.pa.ch@hamilton.ch

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