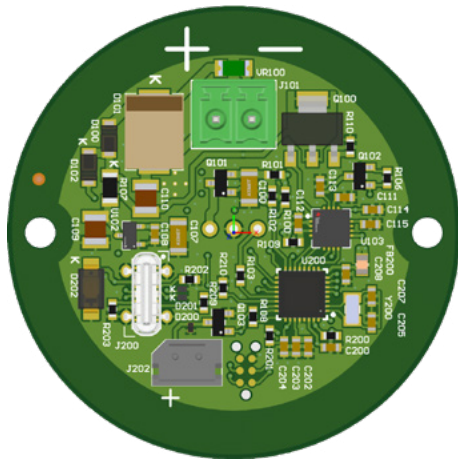


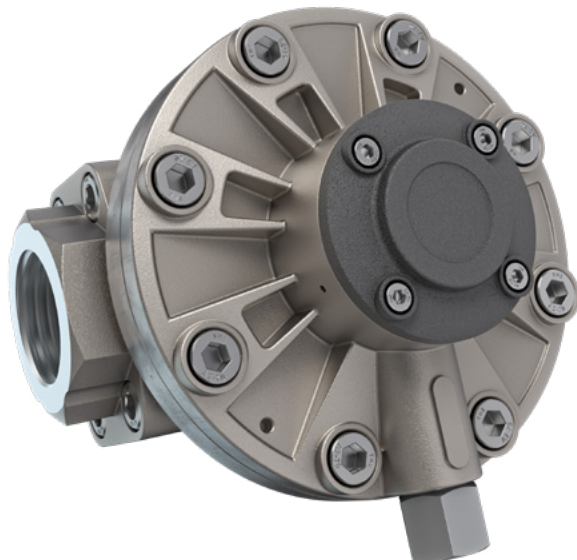
OM METER MODULE ANALOG OUTPUT BOARD SKU 15120102 / 15120103



SPECIFICATIONS

Signal Type:	4-20mA / Open Collector (NPN)
Power:	4-20mA is Loop Powered [12-30V (dc)]
Standard:	NAMUR NE43, API 551
Wire:	1.5 mm (16 AWG) max

APPROVALS / WARRANTY



The **Analog Output Board** is used in OM positive displacement flow meters in place of the standard circuit board to convert the exceptional accuracy of the flow meter to a 4-20mA signal without compromising the precision. The board is Windows PC programmable and configurable, capable of 5 point linearization. The signal is NAMUR NE 43 compliant.

It is a single board, accepting a hall effect signal. The solid-state electronic design makes it inherently more resistant to electrical noise, more reliable and longer lasting than designs incorporating reed switches. When fitted within an OM flow meter it is rated IP65/66 or ATEX/IECEx approved in a suitably certified flow meter. It provides a precise and economic flow rate signal for challenging or hazardous environments, easily installed and flexibly configured.

FEATURES / BENEFITS

- Convenient Wiring connection: Removable plug-in terminals, 1.5 mm (16AWG) maximum wire size
- 5 Point linearization for greater accuracy over flow rate range
- Easily scalable over flow range by Windows PC via USBC connection
- Operating temperature range of -20°C to +80°C (0°F to +176°F)
- Data protection: Running Total and all configuration settings backed up to EPROM every 10 minutes
- Solid state electronic reliability, resistance to EMI

MODELS

STAND ALONE:	
15120102:	4-20mA Analogue Output PCB Kit
15120103:	4-20mA Analogue Output PCB Kit for 025P
FLOW METER SUFFIX:	
A0 for safe area application	
A1 for Group 2 EXd installations (Ex db I Mb)	
A2 for Group 1 EXd installations (Ex db IIB T6...T3 Gb)	
*Temperature rating is 80°C	

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