

Pulse Output AL425 / AC630

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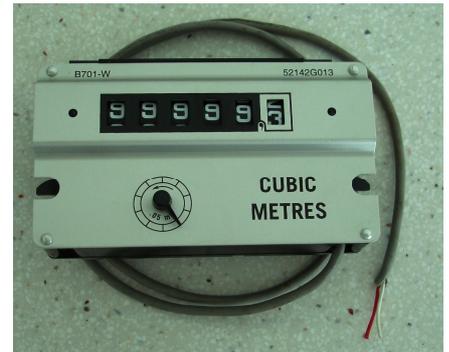
AL425/AC630 Pulse Output Option (p/n 607110)

The AL-425 Meter can be supplied with an optional pulse output capability part number 607110. A magnet is located in the last (far right) number wheel and the pulse output is provided via a magnetically actuated voltage free reed switch. The electrical instrumentation attached provides the power to detect the opening and closing of the magnetically actuated voltage free reed switch.

The 607110 index is designed to be installed during manufacture and hence is not field retro fittable i.e. metrology seals have to be broken to install the index.

The pulse output provides a pulse every 1 cubic metre (m³) registered by the meter. For lesser values an optical sensor can be used to detect the rotation of the direct drive pointer every 0.05 cubic metres (m³) registered by the meter.

The magnetically actuated voltage free reed switch has the following characteristics:



Characteristic	Value
Part Number	607110
Number of Reed Switches	1 for pulse output
Wire Connections	2 Wires no polarity
Tamper Circuit	Not Available
Volts DC Max	100 Vdc
Amps DC Max	0.25 Amps
Watts DC Max	10 Watts
Voltage Holdoff (DC) Min.	250 Vdc
Initial Resistance (Ohms)	0.2 Ω
Operating Temp Range (°c)	-20 to +70 °C
Contact Form	Form A SPST-NO

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