

The Model 1050R transmitter is a 3-wire, fully programmable, microprocessor based rate indicator/totalizer with a 4-20mA output and HART communications. The 1050R transmitter is a direct replacement for the Mark V flow meter using the 1050 transmitter 4-20mA output. In addition to rate indication, totalization and HART, the turndown for most applications is 15:1, which allows for lower flow rates to be measured.

Mark V flow meters with integral 1050 transmitters require a change to a remote 1050R for greater readability of the display; the 1050R is a direct replacement for the 1050 transmitter used with the Mark V flow meter. The 1050R can be mounted up to 200 feet (61 m) away.

A blind display is also available if mass flow compensation is required.

- HART Compliant
- Improved Turndown
- Greater Functionality

## FUNCTIONAL SPECIFICATIONS

Turn Down	15:1
Response Time	0.3 seconds
Damping	User adjustable settings 0 to 99 samples
Flow Direction	Unidirectional or bidirectional
Output	4-20mA, proportional to flow
Communications	HART® communication signal (superimposed on a 4-20 mA DC signal)
Power	18 to 36 VDC
Ambient Temperature	-4° to 158° F (-20° to 70° C)
Remote Distance	200 ft (61 m)
Enclosure Rating	NEMA 4X
Enclosure Dimensions	With tabs: 7 x 8.5 x 4.5 inches (17.8 x 21.5 x 11.4 cm)



Transmitter Display

## HOW TO ORDER

PART NUMBER	DESCRIPTION
1050R	Model 1050R 3-Wire Transmitter with Standard Display
1050R-B	Model 1050R 3-Wire Transmitter with Blind Display