

RI100

Level Measurement Accessory

Repeat Indicator

K-TEK Products



Introduction

The RI100 Repeat Indicator is a loop powered device designed to provide a 4-20 mA output based on process variable information provided by a primary transmitter. The RI100 gathers its data through a parallel connection using HART communications. It can be used in combination with AT100, AT200, MT2000 and MT5100 transmitters and is typically used to provide an output for a secondary level indication.







Features

- Loop Powered
- LCD Display
- Dual Compartment Housing with Separate Field Terminal Compartment
- Field Replaceable Module
- Simple Calibration
- Built In RFI / EMI Filter
- 2" Pipe Stand Mounting Bracket
- Glass Viewing Window

Options

- 316L Stainless Steel Enclosure

Specifications

Housing Type	Explosion Proof Powder Coated Cast Aluminum or Stainless Steel Dual Compartment
Electrical Connection	3/4" FNPT
Supply Voltage	13.5 to 36 VDC - Loop Powered
Polarity Protection	Diode in series with loop
Output	4-20 mA DC (Manual field calibration via pushbuttons)
Burnout	Jumper selectable upscale (21 mA) or downscale (3.6 mA)
Temperature	-40 to 170°F (-40 to 77°C) Ambient
Humidity	0 to 100% R.H., non-condensing
Approvals	Explosion Proof Only - Consult AT100, AT200, MT2000, and MT5100 Datasheets for area classification
	FM Factory Mutual
	CSA Canadian Standards Association
	ATEX
	GOST Russia
	China National Supervision and Inspection Centre
	

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