

DM401

- 3½-DIGIT LCD
- 4-20 mA INPUT
- LOOP POWERED
- IP-67 ENCLOSURE
- ENGINEERING UNITS



INTRODUCTION

The *DM401* Loop Powered Field Indicator is designed to be connected in series with a 4-20 mA current loop to indicate the process variable in an engineering unit in the range of -1000 to +1999 counts.

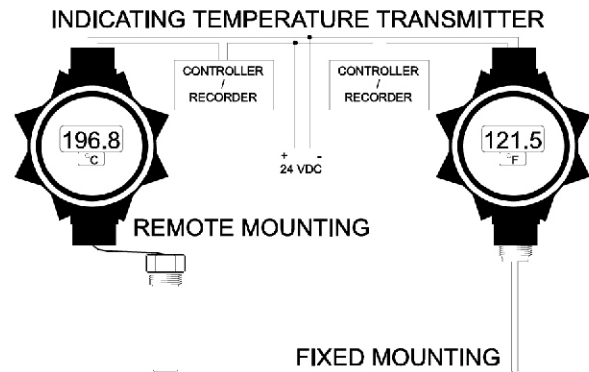
Being suitable for harsh environment, the housing of the indicator is sealed to IP67 to fulfill the requirements for instrument wash down or applying it in offshore applications.

SPECIFICATIONS @ 20°C

Input	4-20 mA (reverse polarity protected)
Display	LCD, 3½ digit, 12 mm high
Range	-1000 to +1999 counts
Offset	-1000 to +1000 counts
Span	200 to 2000 counts
Decimal Point	3 positions plus blank
Accuracy	±0.1% reading ± 1 count
Protection	IP 67
Ambient	0 to 50°C
Case	ABS
Case Size	80 mm diameter × 114 mm

TYPICAL APPLICATION

Combination of a thermocouple or an RTD, a head-mounted temperature transmitter (models SEM104, SEM205 or SEM210), and a DM401 indicator will create a complete field-mounted temperature transmitter with indication. The electronic housing can be mounted on the probe assembly or be mounted on a wall connected to the temperature probe by the means of an extension cable. The DM401 is designed to house a head-mounted temperature transmitter with 33 mm apart fixing holes.



A wide selection of thermocouple and RTD assemblies, smart and non-smart head-mounted temperature transmitters, and machine-drilled thermowells are available to fulfill your temperature measuring requirements. The DM401 indicator can also be combined with our PTF110 or PTF115 pressure transmitters to build a low cost indicating pressure transmitter.