



# 1380 Indicator Series



## Features

- 350 Ohm strain gage input
- Push-button programming and calibration
- DynaLink software configurable
- Scalable, voltage or current models
- Dual alarm beacons
- Peak and valley detection
- Convenient 1/8 DIN size

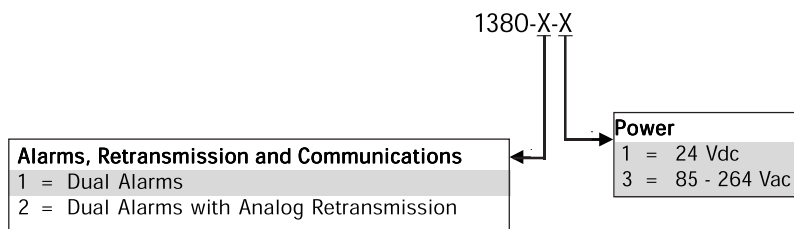
## Benefits

- Direct pressure readings
- Easy to use
- Store and download saved configurations
- Analog retransmission
- Monitor process conditions visually
- Recall extremes of the process
- Save panel space

## Description

Dynisco's 1380 strain gage indicator offers a field selectable display and dual configurable alarms to meet your changing pressure indication requirements. The available mA or Vdc linear retransmission is designed to send process information to a DCS or PLC. A simple front panel instrument calibration and compact profile make the 1380 the ideal indicator for your process. The indicator comes equipped with beacons which display the alarms and the desired pressure unit. It also has a cable hook up that allows use of DynaLink, the 1380 indicator configuration software.

## Ordering Guide



Dynisco Pressure Indicator NEW Model 1480	ALARM CONTACT	Transmission Output	Power supply voltage	1480 รุ่นใหม่ล่าสุด รหัสแบบรุ่นเก่า OLD #1380, #1280
#14804100 1480-4-1-0-0	With 2 points 14804100	Volt, mA	85-264VAC	1380-2-3, 1280-2-3 1380/2/3, 1280/2/3
#14804100 1480-4-1-0-0	With 2 points 14804100	Volt, mA	85-264VAC	1380-1-3, 1280-1-3 1380/1/3, 1280/1/3
#14804100 1480-4-1-0-1	With 2 points 14804101	Volt, mA	22-85VDC	1380-2-1, 1280-2-1 1380/2/1, 1280/2/1
#14804000 1480-4-0-0-0	With 2 points	None	85-264VAC	

Dynisco Pressure Indicator NEW Model 480	ALARM CONTACT	Transmission Output	Power supply voltage	4800 Fullscale type allowable unit OLD #1080, #1280
#14804100 1480-4-1-0-0	With 2 points MEDIUM	Volt, mA	95-264VAC	1000-2-3,1200-2-3 1000-2-3,1200-2-3
#14804100 1480-4-1-0-0	With 2 points MEDIUM	Volt, mA	95-264VAC	1000-1-3,1200-1-3 1000-1-3,1200-1-3
#14804100 1480-4-1-0-1	With 2 points MEDIUM	Volt, mA	22-85VDC	1000-2-1, 1200-2-1 1000-2-1, 1200-2-1
#14804000 1480-4-0-0-0	With 2 points	None	95-264VAC	



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## Specifications

### PERFORMANCE CHARACTERISTICS

**Instrument type:** Microprocessor based panel meter

**Display:** 4 LED digits 0.5" (13.2 mm) high;

2 red LEDs for alarm indication

**Termination:** Screw terminals on rear with safety covers

**Dimensions:** 1/8 DIN, 1.89" H x 3.78" W x 4.13" D  
(48 mm H x 96 mm W x 105 mm D)

**Front Panel:** IP65/NEMA4 rated with gasket

**Accuracy:** +/-0.1% of full scale with shunt cal

**Normal Mode Rejection Ratio:** 60 dB at 50/60 Hz

**Sampling Time:** 100 mS

**Operating Temperatures:** 32°F to 130°F (0°C to 55°C)

### ELECTRICAL CHARACTERISTICS

**Input:** One 350 Ohm strain gage bridge sensor

**Bridge Excitation:** 10 Vdc +/- 7%

**Sensitivity:** 1.4 to 4 mV/V, automatically sensed

**Input Power:** 85 - 264 Vac (24 Vdc available)

**Calibration:** With shunt resistor or applied pressure

**Shunt Calibration Range:** From 40% to 100%

**Display:** Keyboard configurable from 10 to 9,990

**Resolution:** 1 digit with range to 2,010; 10 digit with range to 9,990

**Zero Balance:** +/-25% full scale

**Open Input Protection:** Displays OPEn if any of the four or six sensor wires are open

### ALARMS

**Alarm Type:** High/low setpoints; Direct/reverse acting; Automatic or manual reset; Masking available

**Alarm Output:** Two SPST, NO or NC

**Contact Rating:** 0.6A @ 110 Vdc, 0.5A @ 220 Vdc, 0.3A @ 110 Vdc

### ANALOG RETRANSMISSION OUTPUTS

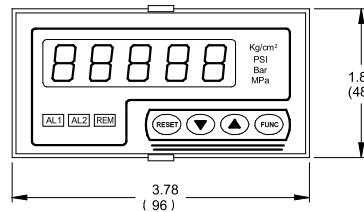
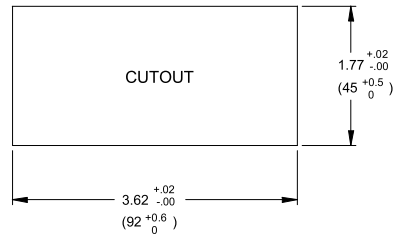
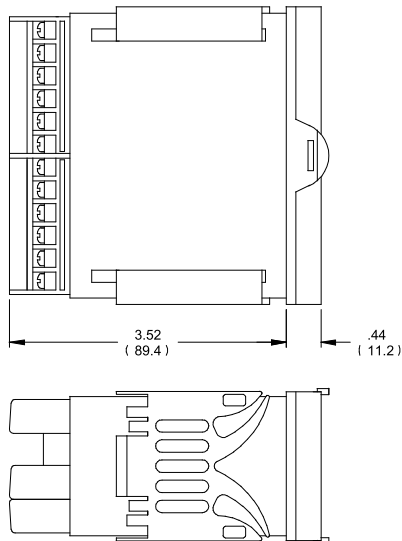
**Output:** 0 - 20 mA, 4 - 20 mA - max 500 ohms

0 - 5 Vdc, 0 - 10 Vdc - min 5000 ohms

**Scaling:** Output is scalable from 0 - 99,900

**Output Resolution:** +/-0.05% of output span maximum

**Accuracy:** +/-0.2% of span



All dimensions are in inches (millimeters).