

PANEL MOUNTED LOOP POWERED INDICATOR

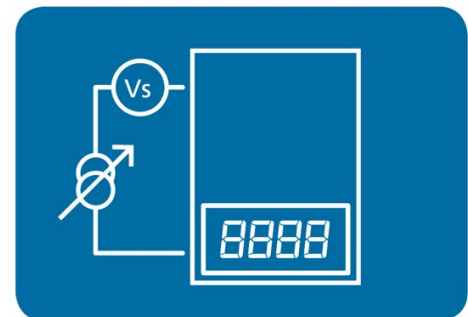
DM720

- > **PUSH BUTTON PROGRAMMABLE**
- > **COMPACT 48 X 24 mm**
- > **LOOP POWERED**
- > **4 DIGIT LED DISPLAY**
- > **IP65 FRONT PANEL SEAL**

> INTRODUCTION

The DM720 is a compact panel mounted loop powered indicator that is designed to connect in series with a (4 to 20) mA current loop and display the value in engineering units.

The DM720 is housed in a (48 x 24) mm DIN standard panel mount case and provides 10 mm high LED digits. The engineering range is programmed by using easily accessible push buttons. The design of the product means no external power supply is needed and it requires less than 5 V from the current loop.



> FEATURE HIGHLIGHTS

LOOP POWERED

The instrument is powered by the loop current; no additional power supply is required, this can offer a low-cost display at sensor source or as a remote display.

COMPACT

The compact size of the DM720 makes it ideal for applications where space is restricted, or a high density of displays are required.

INPUT		SPECIFICATIONS @20°C
Type/Function	Range/Description	Accuracy/Stability
Loop Current	(4 to 20) mA	± (0.1% of reading +3 digits)
Resolution		0.01 mA
Input impedance		10 Ω
Temperature coefficient		100 ppm / °C
Warm up		5 minutes
Loop drop	(4 to 20) mA	< 5 V
Conversion	Single slope	16 bits
Programmed using three push buttons located under the front screen		

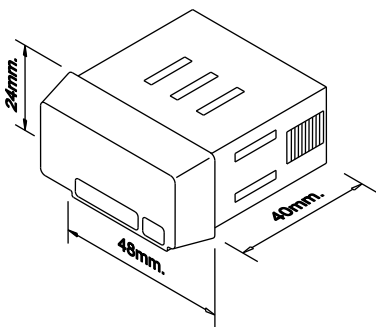
DM650LP SENSOR / WALL MOUNTED LOOP POWERED DISPLAY

DISPLAY		SPECIFICATIONS @20°C
Type/ Function	Range/Description	Accuracy/Stability/Notes
	-1999 to 9999	
Type	4 Red LED digits	10 mm
Reading rate		2 / s
Overflow indication	OuE	
Not suitable for use outdoors or in strong sunlight		

ENVIRONMENTAL	
Function	Description
Operating temperature	(-10 to +60) °C
Storage temperature	(-25 to +85) °C
Relative Humidity (non-condensing)	<95 % at 40 °C
Maximum altitude	2000 m

MECHANICAL	
Function	Description
Dimensions	48 x 24 x 40 mm
Panel cutout	22 x 45 mm
Weight	50 g
Case material	Polycarbonate s /UL 94 V-0
Front panel seal	IP65

APPROVALS	
EMC	BS EN 61326
Ingress protection	BS EN 60529
RoHS	Directive 2011/65/EU Incorporation RoHS 3 amendment directive EU2015/863



ORDER CODE	DM720
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