

Display Universal Bargraph

Series INB

Ref : I FP 2513B

Rev :



DESCRIPTION

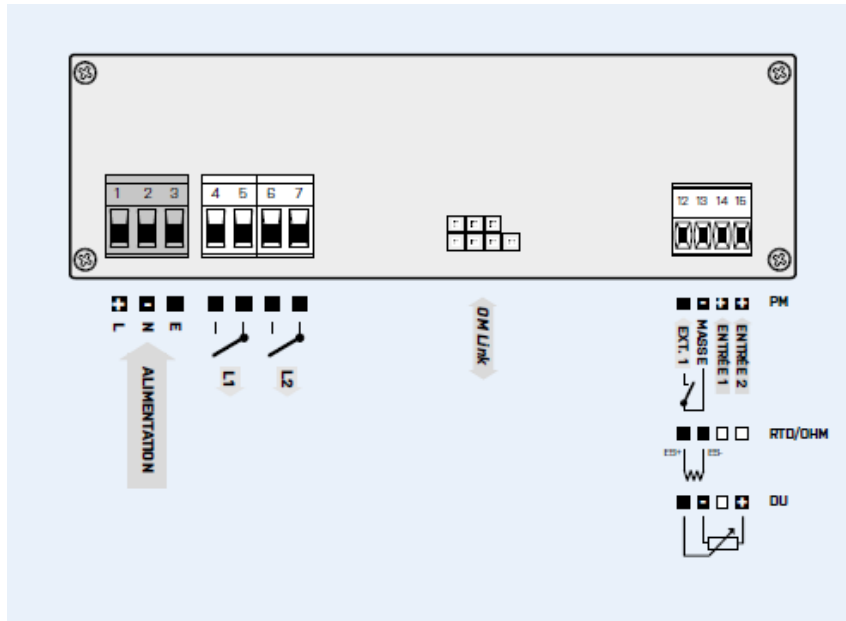
This device is a simple dual vertical / horizontal bargraph with 2 or 1 signal inputs. It is multifunctional with the possibility of configuring 5 different input types using buttons. It is based on a single-chip with a fast 24-bit A/D convertor with the possibility of configuring 5 different settings, easily accessible in the instrument's menu. Type and colour combination of the bargraph can easily be set and be linked to the measured value.

TECHNICAL DATA

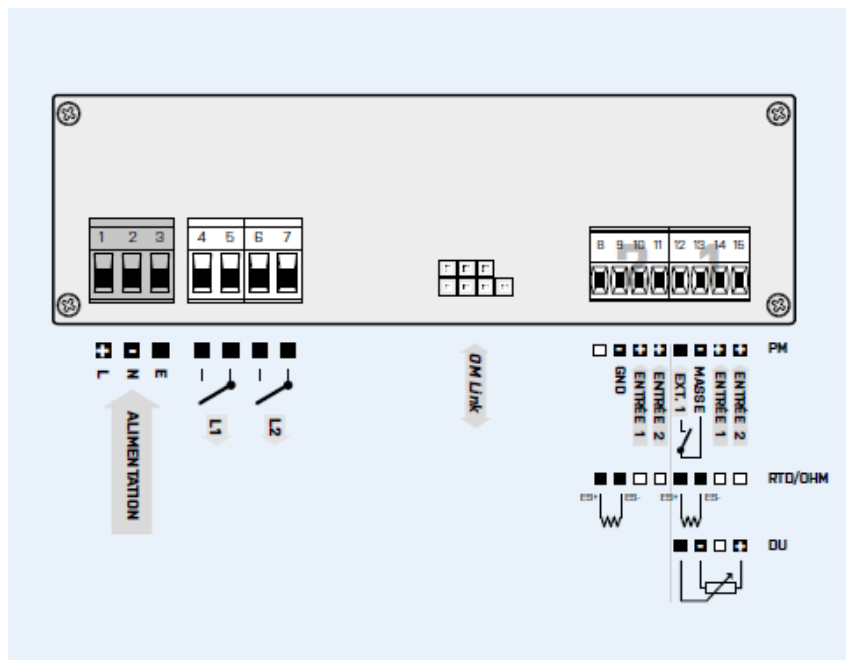
	1-channel version	2-channels version
Display:	50 Segments Bar color: red / green / orange	2x 50 Segments Bar color: red / green / orange
Bargraph height:	48 mm	
Number of entries:	1	2
Power supply:	Range: 10...30 V AC/DC, $\pm 10\%$, PF $\geq 0,4$, ISTOP < 45 A/1 ms, isolated 80...250 V AC/DC, $\pm 10\%$, PF $\geq 0,4$, ISTOP < 45 A/1 ms, isolated	
	Consumption : < 3,5 W/3,9 VA	Consumption : < 5,0 W/5,4 VA
Connection:	Removable screw connector, section < 1,5/2,5 mm ²	
Operating temperature:	-20°...60°C	
Storage temperature:	-20°...85°C	
Sealing:	IP40 (only for the front panel)	
Electrical security:	EN 61010-1, A2	
Dielectric characteristics:	4 kVAC after 1 min. between power and input 4 kVAC after 1 min. between power supply and relay output	
Insulation resistance:	For pollution degree II, cat. II. power supply, input > 300 V (BI), 250 V (DI) input, output > 300 V (BI), 150 V (DI)	
EMC :	EN 61326-1 (Industrial Zone)	
Device accuracy:	TC : 50 ppm/°C Accuracy: $\pm 1\%$ of range + 1 digits Speed: 0.5 / 5/50 / max. measures Possible overload: 2x; 10x (t < 30 ms) Line compensation: max. 30 Ω (RTD) Linearization: by interpol. linear on 25 points (only via OM Link) Digital filter: exponential average, rounded Calibration: at 25 ° C and 40% RH	

CONNECTION

1-channel version



2-channels version



CONTACT

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