

DIGITAL TENSILE FORCE INDICATOR SA DMS 630 SERIES-E


Digital tractive force - indicating instrument for panel mounting.

Our SA-DMS-630-E series digital indicator is a 3.5-digit easy-to-read display instrument with 14mm high 7-segment display.

This panel meter can be used to measure DC current and DC voltage with 9 measuring ranges. A choice of many factory present ranges is included, allowing the operator to adjust the zero and full-scale values.

These panel meters are designed for rugged industrial applications.

The displays are factory set to the nominal load of the associated sensor.

There is also the possibility to adjust the display via the potentiometer "Adj." and the corresponding jumper setting behind the front panel.

Adjustable display value via the following jumper settings with an input of 10V			
Jumper	4	5	6
Adjustable display values from	700	150	50
Adjustable display values	1000	300	100
Adjustable display values	1500	500	150
Adjustable display values up to	19999	800	200

Technical data:

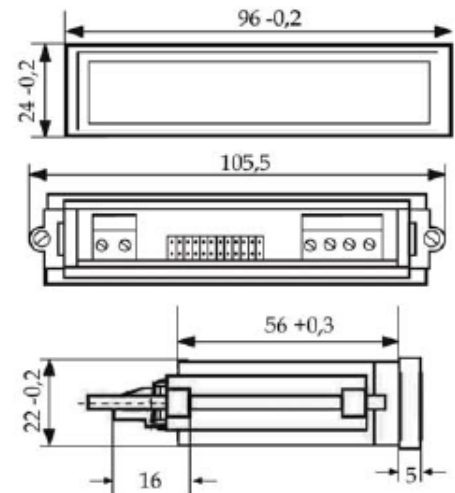
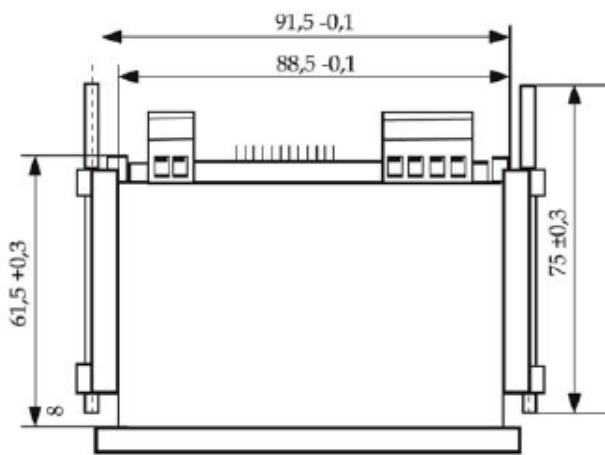
Digit height: 14 mm / 7-segment digits
Accuracy: < 0.2 % + 1 digit at 25 °C

Protection class: IP 20 to IEC EN 60 529 Front IP 54

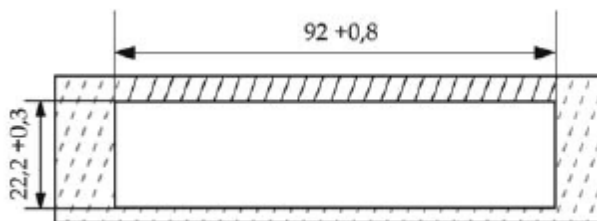
Operating temperature: 0°C bis + 50°C, Storage temperature: -40°C bis +80°C
Direct voltage DC : 24V (21-30V +-15%) DC
Connections: Plug-in screw terminal block.
Housing: Plastic case
Dimension: W 96mm x H 24 mm x D 72mm, Panel Cut-out DIN: 92mm x 22 mm.
Fastened with lockable clamps with screws.

Weight: approximate 210g

Abmessungen

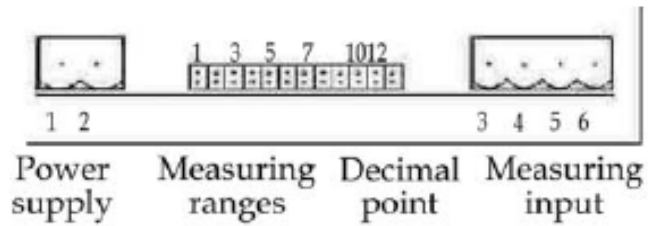


Panel Cut-out



Applicable Regulations and Standards	
Protection class	IP 20 to IEC EN 60 529
Front	IP 54 (IP 65 on request)
Climatic class	Class 2 VDE/DIN 3540
Safety class	II to IEC 348 / VDE 0411
Device safety	To IEC EN 61 010
EMC immunity	DIN EN 61 000-4-1 to 4
EMC radiated interference	DIN EN 50 081 class B

Connections



Pin	1	2	3	4	5
Voltage input jumpers 4 to 6	0 V	24 V	In 0-10V	In GND	N.C.

Pin	1	2	3	4	5
Current input Jumper 3	0 V	24 V	In 4-20mA	In GND	In 4-20mA

Adjustable decimal point via the following jumper positions			
Jumper	10	11	12
	XXX.X	XX.XX	X.XXX