



Applications:

The digital panel meter **RISH DPM 24 x 48 D/F** has been designed for industrial applications, which frequently require precise, onsite adjustment of the display range.

It can be used in industrial automation and for laboratory uses.

It provides cost-effective solution for virtually all switchboard instruments.

Applicable Regulations and Standards

Protection class	IP 20 to IEC EN 60 529
front	IP 54 (IP 54 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

Features:

- Available in size 48 x 24 mm
- Low power LED display
- Standard measuring ranges, Inc. 4 ... 20 mA
- 'Snap-in' panel mounting

Compact digital display units in a 48 mm x 24 mm DIN standard snap-in housing. The units are suitable for connecting standard current and voltage signals, including 4... 20 mA.

The low power consumption and small overall size of these DPMs suits high-density panel applications.

Description

The **RISH DPM 24 x 48 F** is a digital panel meter for connection of measurement for voltage (0 ... 0.2 V, 0 ... 2 V or 0 ... 20 V) with 3 ranges.

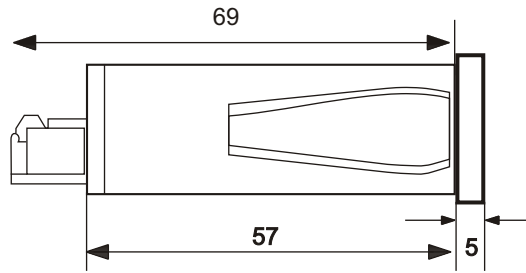
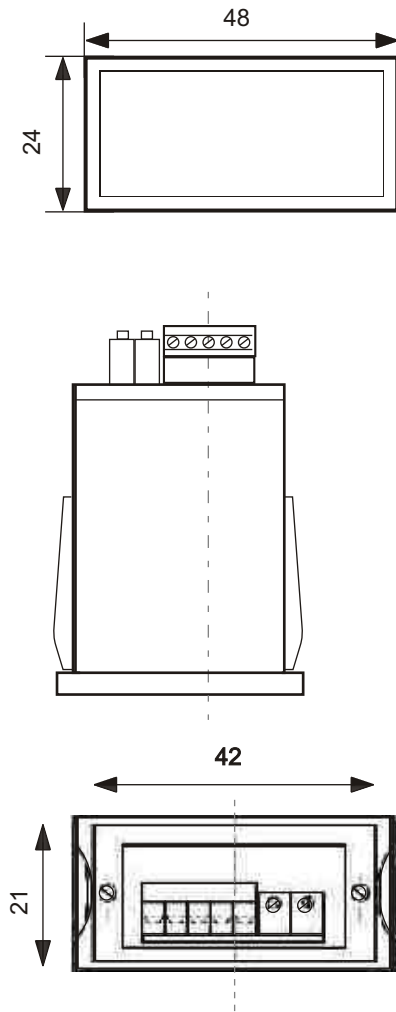
The **RISH DPM 24 x 48 D** is a digital panel meter for connection of measurement for voltage (10 V) and current (1mA, 20 mA or 4 ... 20 mA) with 4 ranges.

The setting of measuring range and display range is made by positioning DIP switches. The chosen input range is user adjustable from 10 % to 100 % of the full scale value by potentiometer on the rear of the meter.

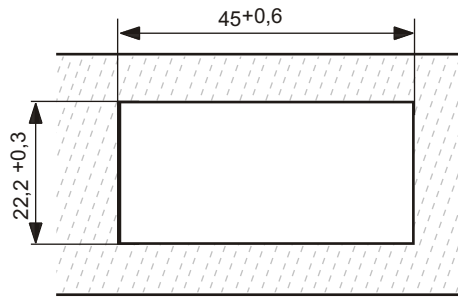
Specifications:

Display	Display range	1999	
	Decimal point position	programmable, settable by DIP switch	
	Negative display indication	"-"	
	Digit height	8 mm / 7-segment digits	
	Overload indication	Last 3 digits blank	
	Setting time	< 1s (0...99%)	
		Version D	
		Version F	
Measuring ranges	Direct voltage (Input current < 100 mA)	0 ... 10 V	0 ... 0.2 V
			0 ... 2 V
			0 ... 20 V
	Direct current (Voltage drop < 200 mV)	0 ... 1 mA	
		0 ... 20 mA	
		4 ... 20 mA	
	Measuring accuracy	< 0.2 % + 1 digit	
0 Temperature coefficient	100 ppm/ C, plus		
0 Zero point drift	200 ppm/ C		
Interference voltage suppression	> 40 dB		
Range adjustment span	from 10% to 100% of range		
Power supply	24 V DC	21 ... 30 V DC, 50 mA approx.	
Ambient conditions	Operating temperature	0 ... 50°C	
	Storage temperature	-40 ... 80°C	
Dimensions	Bezel size	48 mm x 24 mm DIN 43 718	
& Weights	Panel cut-out	45 +0.6 mm x 22.2 + 0.3mm	
	Overall depth	69 mm	
	Weight	< 50 g.	
Sundry	Connections	plug-in screw terminal block	

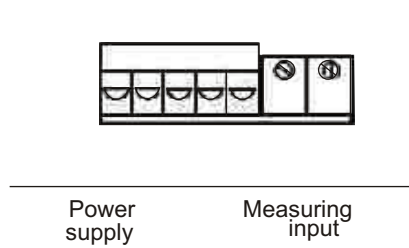
Design and installation



Panel cut-out



Connections



Order Details

Type : RISH DPM 24/48 D
Measuring input: 0... 20 mA
Display : 0... 12.00
Display caption : pH
Options :
Supply Voltage : 24 V DC

Example



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