Produktinformation

Economy Panelmeter EP9648



- **Multipurpose input for 0/4..20 mA, 0..10 V and Pt100**
- **LED-Display 14,2 mm red, yellow, green or blue or 20.3 mm red**
- **Indicating range and decimal point free programmable**
- **Programmable display time**

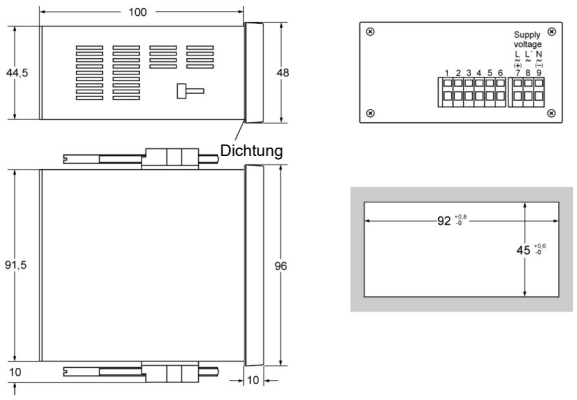
Characteristics

The Economy Panelmeter EP9648 is a technical advancement of the DP9648. With universal input conditions and easy programming the Panelmeter receive a powerful instrument for monitoring, measurement and control applications. As highlight the device offers a self acting display brightness. A built-in photo sensor controls the ambient brightness and corrects the display brightness.

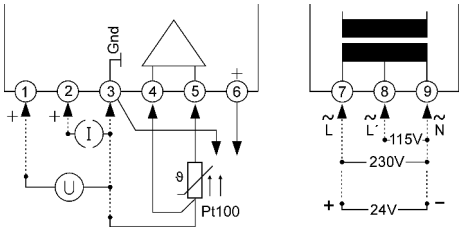
Technical data

Power supply
Supply voltage : 230 / 115 V AC 50/60 Hz ±10 %
or 24 V DC ± 20 %
Power consumption: 3 VA
Working temp. : -10..+60 °C
CE-conformity : EN 61326-1:2013; EN 60664-1:2007
Input
Current : 0/4..20 mA, Ri 10 Ω, overload max. 3-times
Voltage : 0..10 V, Ri 100 kΩ, overload max. 3-times
Pt100 : -100..400 °C
sensor current < 1 mA (low self heating)
Accuracy : voltage/current ± 0.1 %, ± 1 digit;
Pt100 ± 0.2 °C, ± 1 digit
Display : LED 14.2 mm yellow, green, blue or 20.3mm red
Indicating range : -1999..2000 Digit
Decimal point : programmable
Overflow indication : "-1999" or " 9999 " ,
flashing with 2 Hz
Display brightness : programmable from 2..100 %,
with photo sensor (only display red, optional)
Analog output
Voltage : 0..10 V DC, linearized,
short circuit proof max. 5 mA
Accuracy : 0.1 %
Case : panel case DIN 96x48 mm,
material PA6-GF; UL94V-0
Dimensions : front 96x48 mm, mounting depth 100mm
Weight : max. 390 g
Connection : clamp terminals, 0.08..1.5 mm²
AWG28..AWG14
Protection class : front IP65, terminals IP20 acc. to BGV A3

Dimensions



Connection diagram



Ordering code

EP9648 - 1. - 2. - 3. - 4. - 5. - 6.

1.	**Display**		
	1	LED red	14.2 mm
	3	LED red	20.3 mm
	4	LED yellow	14.2 mm
	6	LED green	14.2 mm
	8	LED blue	14.2 mm
2.	**Model**		
	15	Industry standard signal	
		0/4..20 mA, 0..10 V DC and Pt100	
3.	**Supply voltage**		
	0	230 V AC	±10 % 50-60Hz
	5	24 V DC	±20 %
4.	**Options**		
	00	without option	
	07	self acting display brightness (only display LED red 1 and 3)	
5.	**Unit** appears in the unit field		
6.	**Additional text** above the display (3x90 mm HxW)		

https://www.ibericadeautomatismos.com/producto/indicador-panel-basico-ep9648/