C-mac®

3½ digit panel instrument DMP350

Universal 3½-digit panel instrument

Current- voltage and temperature inputs in the same instrument

Separate zero- and span adjustments

Galvanic isolation between supply and internal electronics

Made in accordance with the CE and EMC regulations

DMP350 is a universal 3½-digit panel instrument with analogue and temperature inputs. The instrument has an adjustable display range between -1999 og +1999. The instrument can be used in connection with all C-mac® converters and relays with analogue outputs.

In addition to the current, voltage and temperature inputs the instrument is also supplied with a 24 VDC output, for the supply of external sensors or the like.

Technical data:

Supply voltage:	12-36 V AC/DC or 230 VAC +/-10% The supply voltage is galvanically isolated from the internal electronics. (test voltage 2 kV AC)
Power consumption:	1.5 VA
Operation temp.:	-20°C to +60°C
Humidity:	0 - 90% RH, non-condensing
Protection:	IP 55
Voltage output:	24 VDC, max.. 35 mA
Metering inputs:	0-20 mA 0-10 V Pt100, -50 - 200°C
Input impedance:	0-20 mA: 25 Ω 0-10 V: 100 kΩ
Digit height:	15 mm "hyper red" digits
Adjustments:	Trimming potentiometers and switches on the back of the instrument.
Zero:	range: -1999 to +1999
Span:	0 to 1999
Pt100 only:	offset (zero) adjustment only
Decimal point:	selectable after digit 1, 2 or 3

Mechanical dimensions:

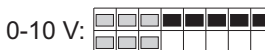|	
L x W x D:	96 x 48 x 85 mm.
Panel cut-out:	91 x 43 mm
Weight:	170 g.
Materials:	NORYL, SE1
Connections:	screw terminals, max. 1,5 □ mm.
pin 1-2:	Pt100 sensor
pin 3:	sensor compensation (connect to 2)
pin 4:	input, common
pin 5:	current and voltage input +
pin 6:	voltage output +24 VDC

Connections:
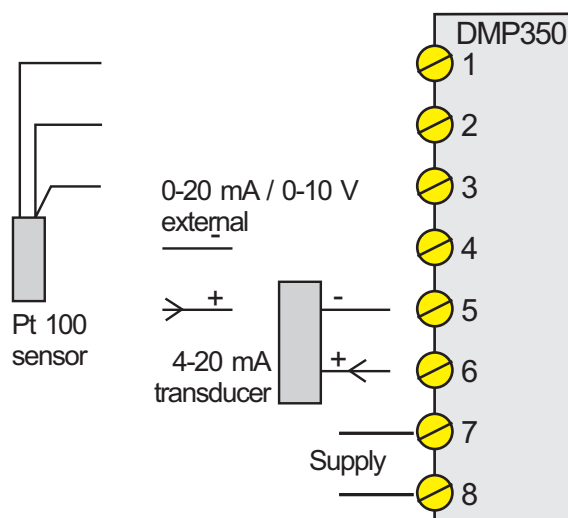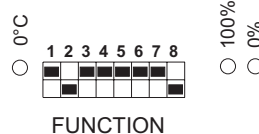
Adjustments:

Function: Decimal point:

Pt100: / 199.9:

0-20 mA: / 19.99:

0-10 V: / 1.999:

1999:

Ordering guide:

DMP350-aaa

aaa = supply voltage

712 = 12-36 VAC/DC
230 = 230 VAC

ex: DMP350-712

Comadan Produktion a/s