

Universal 3½-digit panel instrument

Current- and voltage 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



DM350 is a universal 3½-digit panel instrument with analogue 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.

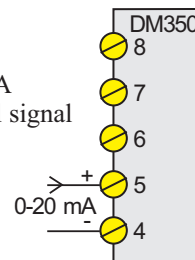
In addition to the current and voltage inputs the instrument is also supplied with a 24 VDC output, for the supply of external sensors or the like.

Technical data:

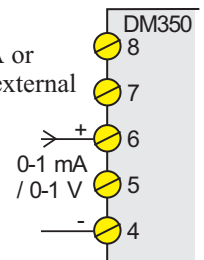
Supply voltage:	24, 120 or 230 VAC +/-10% The supply voltage is galvanically isolated from the internal electronics. (test voltage 2 kV AC)
Power consumption:	4 VA
Operation temp.:	-20°C to +60°C
Humidity:	0 - 90% RH, non-condensing
Protection:	IP 54
Voltage output:	24 VDC, max.. 50 mA
Metering inputs:	0-20 mA / 4-20 mA 0-1 V / 0-1 mA 0-10 V
Input impedance:	0-20 mA: 50 Ω 0-1 V: 1,1 kΩ 0-10 V: 100 kΩ
Adjustments:	Trimming potentiometers and switches on the back of the instrument. Zero: range: -1999 to +1999 Span: 0 to 1999 Decimal point: selectable after digit 1, 2 or 3
Mechanical dimensions:	L x W x D: 48 x 96 x 85 mm. Panel cut-out: 43 x 91 mm Weight: 320 g. Materials: NORYL, SE1
Connections:	screw terminals, max. 1,5 □ mm. pin 1-2: supply pin 4: input, common pin 5: input 0-20 mA (4-20 mA) pin 6: input 0-1 V / 0-1 mA pin 7: input 0-10 V pin 8: voltage output +24 VDC

Connections:

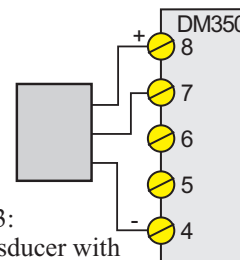
ex. 1:
0-20 or
4-20 mA
external signal



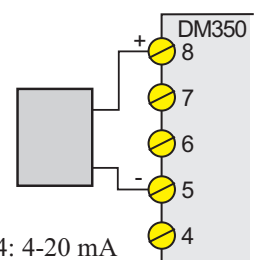
ex. 2:
0-1 mA or
0-1 V external
signal



ex. 3:
transducer with
0-10 V output,
supplied from DM350



ex. 4: 4-20 mA
transducer,
supplied from DM350



Ordering guide:

DM350-aaa

aaa = supply voltage

024 = 24 VAC

120 = 120 VAC

230 = 230 VAC

ex: DM350-230