Display NOM11

This display is intended as a fast and simple addition into existing measuring systems to show both the original signal and the calculated measurement value. The display works with the usual power supply of the sensor, therefore no additional power source is necessary. Due to the low price, this display can both be used to quickly check on sensors, as well as remain with a sensor indefinately.
The display lighting keeps the output readable even in the dark. Furthermore the display can be rotated a bit around the electrical connection, making it even easier to use.
With its quick configuration, this display becomes a tool to check measurement systems during normal operation.

Technical data

Signal	4 – 20 mA (Two-wire) or 0 – 10 VDC (Three-wire)
Display	-1999 – 19999 (4,5 digits LCD) main display, 0 – 100% Signal input display, unit display: Kpa, Mpa, Pa, Bar, mbar, PSI, °C, °F, kg/cm², atm, mmHg, mH2O, m, cm, mm, V, mV, A, mA
Internal resolution	16-bit AD
Accuracy	0,1 %
Voltage drop	< 3,5 V DC
Permissible temperature	Operating temperature: -20°C bis 70°C
Temperature drift	< 50 ppm
Scope of delivery	Display, gasket, long screw (87,5 mm)
Electrical protection	30 mA over current protection, reverse polarity protection
Electrical connection	Usually DIN 43650A, M12 on request
Degree of protection	IP 65
Size	58 mm (Height)(DIN 43650A), 42x42mm

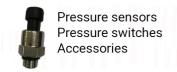| NOM11	-	X	X
Model			
Signal (1 = 0 – 10V; 2 = 4 – 20 mA)			
Electrical connection (1 = DIN 43650A; 2 = M12)			

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Manual

Electrical connection:

Pin	4 – 20 mA (Two-Wire)	0 – 10 V (Three-Wire)
1	VCC(+)	VCC(+)
2	Signal	Ground
3	empty	Signal

Configuration:

1. Hold S for the password field. Then enter the password "000006" with the arrow keys. Up to change a digit's value, down to change the digit.

2. Then you are in the configuration menu with the following sections:

Menu label	Input	Possible options
"Unit" – Displayed unit	S to enter Up, down for selection S to confirm	Kpa, Mpa, Pa, bar, mbar, PSI, °C, °F, kg/cm², atm, mmHG, mH2O, m, cm, mm, V, mV, A, mA
"Dot" – Decimal dot	S to enter Up, Down to move the dot S to confirm	Note: Decimal dot is the same everywhere
"Zero" – Low limit	S to enter Up, Down to set S to confirm	Set the low end of the range
"Neg" - Sign	S to enter Up, Down to change S to confirm	Set the sign (positive or negative value) of the low end of the range
"Full" – Upper limit	Same as "Zero"	Set the upper end of the range
"Neg" - Sign	As above	Set the sign of the upper end of the range
"Bias" - Correction	S to enter Up, Down to set S to confirm	Correct the displayed value. For example to correct a deviation of +20, -20 has to be entered
"Save" - Save	S to enter Up, Down for Y/N choice S to confirm	You have to save in the end, otherwise the changes will be discarded
"End" – Leave Menu	S to leave	

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SKV-tec GmbH	Geschäftsführer:	www.druckschalter.shop
Forchheimer Str. 4	Dipl.-Ing. (FH) Thomas Jakob und Dipl.-Ing.(FH) Robert Krämer	info@skv-tec.de
91338 Igensdorf - Germany	Handelsregister:	Onlineshop:
Tel.: +49 – (0) 9192- 995314 / Fax: 995268	Bamberg, HRB 6436	www.druckschalter.shop