

Kopplingshuvud DANAWdie LED display

Modell 23-00208

Konstruktion

Kopplingshuvud DANAWdie enligt DIN 43 729 med LED display i klafflocket. Montering med 2 st M4 skruv, c-c 33 mm.

Exempel på användningsområde

För montering av transmitter där avläsning på plats krävs.

Max. temperatur

70 °C

LED Display LPI-01

4-ställig, 0 till 3 decimaler.

Tätning

Oljebeständigt gummi

Material

Polyesterlackerad (grå) aluminium

Kabelgenomföring

M20x1,5

CE-intyg

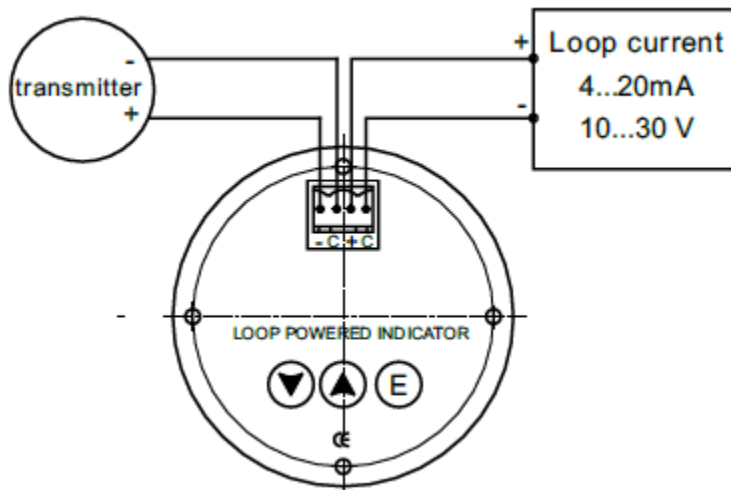
CE-intyg om överensstämmelse med relevanta EU-direktiv och standarder finns. Kontakta Pentronic för mer information.

Kapslingsklass

IEC 60529: IP54-IP65

Artikelnummer

23-00208










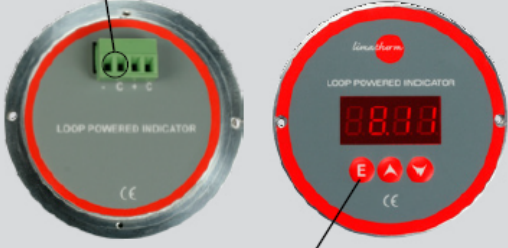



LED display Model LPI-01

TECHNICAL DATA			
Performances		Functionalities	
Reference operating condition	25°C	Parameters	Zero, span, decimal, point, refresh rate, unit
Max. Measured error	0,1% of the programmed range +/- 1 digit	Indication limits	-1999 to +9999
Influence of ambient temperature (tem. drift)	20ppm/°C of measuring range at 20°C as reference temperature	Programmable range	-1999 to +9999
Output signal	4...20 mA	Decimal points position	0, 1, 2, 3 decimals
Supply voltage	24V	Over-load limits	From 3.5 to 20.5 mA
Voltage drop out	3,3V at 4 mA and 3,7V at 20 mA	Refresh rate	From 1 to 10 second
Minimum current of LED activation	3.5 mA	Calibration points	Zero (4 mA) and span (20 mA), stored on FLASCH
Digits	LED, 4 digits 7 segments, height 9,5mm	Unit	°C, °F, °K, % in cycle: 4sec. value – 2sec. unit
Visible dimension	30x14	Mechanical construction	
Display characteristics	6400ucd for If=10mA	Electrical loop connection	2 terminals, max.wire section 1mm ² (16 AWG)
Data storage	FLASCH	Dimension	Ø64 x 19 mm
Storage period	10 years (non powered)	Weight	65g
Mounting	4 holes/90 Ø 4,2 on Ø 55	Short mark display closed in the connection head or measuringdie – standard version
Collaboration with Hart protocol transmitter	Yes	Application, Fixing	XD-I80di...-Fixing kit; Nr: KD-L1 DAN... Wdi...- directly by screw 2xM4x20 XE-DAN...Wdi. directly by screw 2xM4x20
Operating conditions			
Ambient temperature	-20...80°C		
Storage temperature	-30...80°C		
Moisture	25 bei 95% non condensating		
Ingress protection	IP 20		
Elektromagnetic compatibility	Carried out with positive results EN 61000, EN 55022		

SETUP INSTRUCTION

Fully programmable loop powered 4 digits LED display Type LPI -...

Overview								
1.	Indicator parameters	3. Configuration						
	<p>LPI-01, LPI-02 is a programmable loop powered device which works between 4-20 mA. The score of measuring is based in accordance to set up parameters by buttons in menu, and is presented on the LED display.</p>	<p style="text-align: center;">Entry to Menu – press long E button</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="font-size: 2em; font-weight: bold; text-align: center;">dP</p> <p>Set up decimal point DP Press E button enter page which inform about setting up decimal point. Press ▼ and ▲ button to change decimal position:</p> <ul style="list-style-type: none"> - after decimal third digit (set up 3) - after decimal second digit (set up 2) - after decimal first digit (set up 1) - and extinction </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="font-size: 2em; font-weight: bold; text-align: center;">Zero</p> <p>Set up engineering value ZERO Press E button enter page which inform about setting up the value, during measuring input current 4 mA (point low). Press E button again to enter and set up the value. Press ▼ or ▲ button change to value between -1999 bis 9999 drücken.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="font-size: 2em; font-weight: bold; text-align: center;">SPAN</p> <p>Set up engineering range SPAN Press E button enter page which inform about setting up the value during measuring input current 20 mA (point high Ph). Press E button again to enter and set up the value. Press ▼ or ▲ button change to value between -1999 to 9999.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="font-size: 2em; font-weight: bold; text-align: center;">Li</p> <p>Set up overload limit Li Press E button enter page which inform about setting up the value measuring input current 4 mA (point Low Pw), 20 mA (point High). Press ▼ or ▲ button to change: 0 for 4mA - 20mA, 1 for 3,6 mA – 20,4mA</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="font-size: 2em; font-weight: bold; text-align: center;">St</p> <p>Set up sampling time ST Press E button enter page which inform about setting up the measuring interval (sampling time). Press ▼ or ▲ change the value between 1 to 10 sec.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="font-size: 2em; font-weight: bold; text-align: center;">Unit</p> <p>Set up engineering Unit Press E button enter page which inform about setting up Units. Press ▼ or ▲ button to change the unit –nonE- non displayed or displayed alternate with result: °C, °F, °K, % in cycle 4sec value – 2sec. unit.</p> </div> <p>Exit from menu To exit from main menu and memory, press and hold ▼ and ▲ buttons. Exit is possible from each page.</p>						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 30px;"></td> <td>Display will indicate low (-LO-) when the input current is lower than 3.5 mA</td> </tr> <tr> <td style="text-align: center;"></td> <td>Display will indicate high (-HI-) when the input current is higher than 20.5 mA</td> </tr> <tr> <td style="text-align: center;"></td> <td>Display will indicate (----) when the input current is contained between -1999 to 9999, however input current situated outside indication limits.</td> </tr> </table>			Display will indicate low (-LO-) when the input current is lower than 3.5 mA		Display will indicate high (-HI-) when the input current is higher than 20.5 mA		Display will indicate (----) when the input current is contained between -1999 to 9999, however input current situated outside indication limits.
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	Display will indicate (----) when the input current is contained between -1999 to 9999, however input current situated outside indication limits.							
	<p>2. Functionalities</p> <p>Measuring range: from 4 to 20 mA Max. voltage drop out: 3,7 V Display LED: 4 digits, high 9,5 mm Indication limits: from -1999 to 9999 Sampling time: from 1 to 10 sec.</p>							
	<p>View</p>							
LPI-02	<p>Plug for connection to transmitter</p>  <p style="text-align: center;">Buttons for setting up</p>							
LPI-01	<p>Plug for connection to supply unit</p>  <p style="text-align: center;">Buttons for setting up</p>							