

Battery Indicator Type „LILLY“

Executions with fixed stem

Datasheet 832

In- Process Digital - Indicators

Description :

Local, battery- powered digital indicator in a stainless steel case with rim- ring.
Measurement and indication of temperature without further energy

Sensor :

Pt1000 DIN IEC 751 Cl. B

Temperature range :

- 100 ... + 500 °C

Ambient temperature range :

-20 ... 60 °C

Battery :

3,6 V Lithium - battery, replaceable

Battery life 3 - 5 years (depends on ambient conditions)

Measurement ranges :

See backside

Display :

4- digit LCD - display

Digit- height 18 mm

Accuracy:

Display : 0,3 % ± 1 dgt. ± Sensor tolerance

Tolerance Pt1000 Cl. B bei 100 °C : 0,80 °C

*The tolerances for Pt 100 RTD's you can see in the chart
"Values and Tolerances of Pt100 resistance thermometers"
in the appendix.*

Housing :

Case with rim- ring • Ø Nominal size 100 mm

Protection class IP 65 acc. to DIN 40500

Casematerial : stainless steel 1.4301

Processconnection :

Different Executions available - see backpage

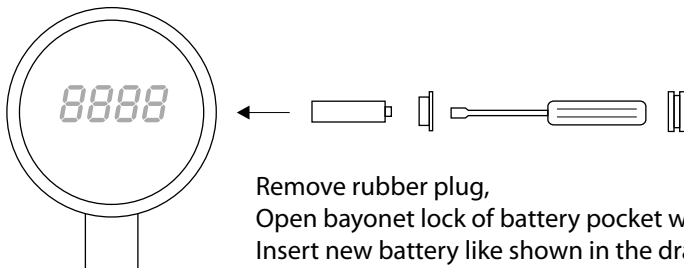
Material stainless steel 1.4571

Typical application :

Industry, petro-, chemical plants, commercial vehicles.



Battery Replacement



Remove rubber plug,
Open bayonet lock of battery pocket with a screw driver.
Insert new battery like shown in the drawing

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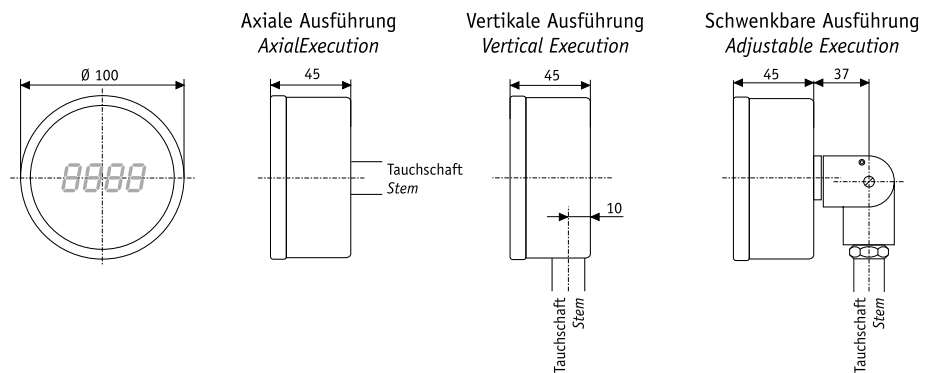
Case - Exit	
Ordering - code	D E
Axial	1 0
Vertical	1 1
Adjustable	1 2

Measuring range / Resolution			
Ordering - code		F G	
- 100 ... + 100 °C	0,2	4 8	
- 50 ... + 50 °C	0,1	4 9	
0 ... + 60 °C	0,1	5 8	
0 ... + 80 °C	0,1	5 9	
0 ... + 100 °C	0,1	6 0	
0 ... + 120 °C	0,2	6 1	
0 ... + 160 °C	0,2	6 2	
0 ... + 200 °C	0,2	6 3	
0 ... + 300 °C	0,5	6 5	
0 ... + 400 °C	0,5	6 7	
0 ... + 500 °C	1	6 8	
0 ... + 600 °C	1	6 9	
Special - range		9 9	

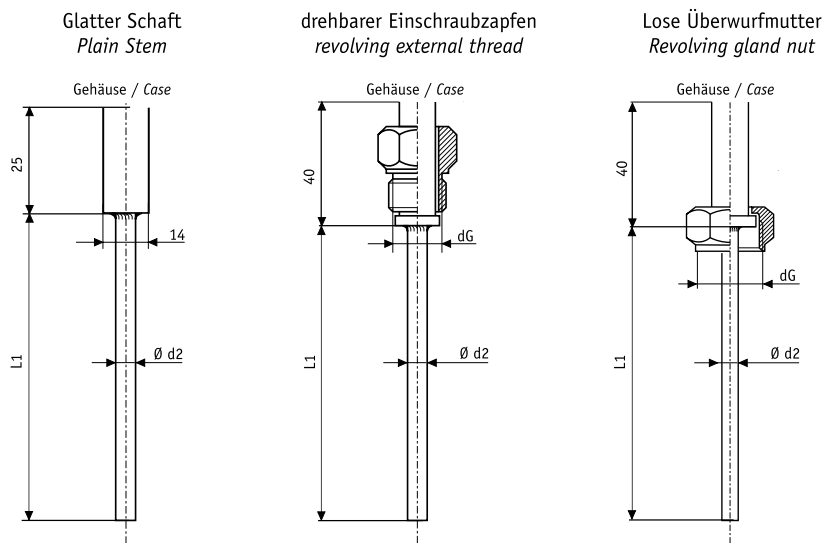
Please declare special ranges in plain language - see bottom

Threads	
Ordering - code	N
Without (plain stem)	0
G 1/2" SW 27	1
G 1/4" SW 32	2
G 1" SW 41	3
M 18 x 1,5 SW 24	6
M 20 x 1,5 SW 27	7
M 24 x 1,5 SW 32	8
Special - thread	9

Case - Exit



Stem - Execution

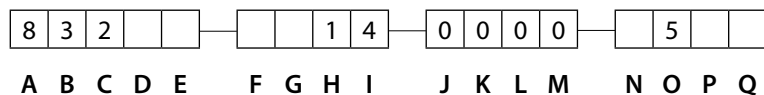


Stem - Execution	
Ordering - code	P Q
Plain Stem	1 0
Revolving external thread	1 2
Revolving gland nut	1 3

Ordering-code :

for ordering please fill out all empty digits in the order code on the right.

The code numbers for all free digits you find in the charts above.



For ordering please declare in plain text :

Ø Stem (d₂) :

6mm 8mm 10mm 12 mm

Insertion length (L₁):

..... mm

Special - range:

..... bis °C