Se produktet på www.insatech.com
See product on www.insatechmarine.com

BD|SENSORS pressure measurement

CIT 200

Process Display

Functional range

- free scalable display
- four characteristic curve functions selectable (linear, square, square root or user defined)
- display brightness and filter adjustable
- programming via infrared remote control

Product characteristics

- input 0/4 ... 20 mA, 0/1/2 ... 5/10 V
- 4-digit LED display
- interface RS-485 (Modbus RTU)
- front panel housing 72 x 36 mm

Optional versions

- input Pt100 / Pt500 / Pt1000

Typical application

display panel for silo battery

CE RoHS REACH Modbus

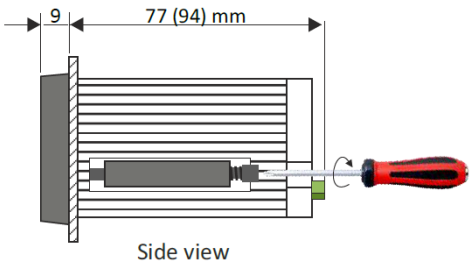
BD SENSORS GmbH
BD-Sensors-Straße 1
D - 95199 Thierstein

Tel.: +49 (0) 92 35 / 98 11- 0
Fax: +49 (0) 92 35 / 98 11- 11

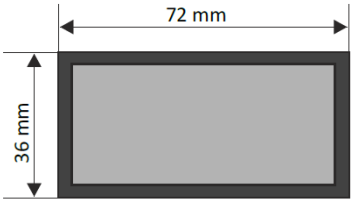
www.bdsensors.de
info@bdsensors.de

Supply	
Supply voltage / power consumption	10 … 30 V_{DC} (not isolated from signal input) / max. 1 W 110 V_{AC} ± 10 % (isolated from signal input) / max. 1,5 VA 230 V_{AC} ± 10 % (isolated from signal input) / max. 1,5 VA
Signal input	
Input signal	0/4 … 20 mA, 0/1 … 5 V, 0/2 … 10 V PT100 / PT500 / PT1000
Accuracy (25 °C)	± 0.1 % FSO, stability: 50 ppm/°C
Display	
Display	LED, red, 4 x 13 mm
Display range	0/4 … 20 mA, 0/1 … 5 V, 0/2 … 10 V: - 999 … 9999 + decimal point Pt100 / Pt500 / Pt1000: -100,0 … 600,0 °C
Communication	
Communication interface	RS-485 (Modbus RTU), 8N1/8N2, 1200 – 115200 bit/s
Ingress protection	
Standard	IP 40 (front side), IP 20 (case and connectors)
Option	IP 65 (front side with additional sealing frame for panel cut-out), IP 20 (case and connectors)
Permissible temperatures	
Standard	environment: 0 … 50 °C, storage: -10 … 70 °C
Option	environment: -20 … 50 °C, storage: -20 … 70 °C
Electrical protection	
Electrical safety	EN 61010-1
EMC	EN 61326-1
CE-conformity	EMC Directive: 2014/30/EU
Housing	
Housing type / dimensions	10 … 30 V_{DC}: front panel mounting / 72 x 36 x 86 mm 110 V_{AC}: front panel mounting / 72 x 36 x 103 mm 230 V_{AC}: front panel mounting / 72 x 36 x 103 mm
Material	NORYL UL94V-0
Weight	approx. 175 g

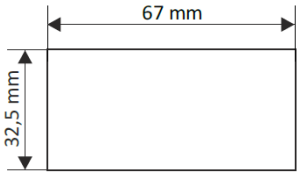
Dimensions



Side view



Case dimensions



Panel cut-out dimensions

Accessories

Infrared remote control IR 2

Enables setting of CIT 200.

Material number: Z900033

© 2022 BD|SENSORS GmbH – The specifications given in this document represent the state of engineering at the time of publishing. We reserve the right to make modifications to the specifications and materials.

Tel.: +49 (0) 92 35 / 98 11- 0
Fax: +49 (0) 92 35 / 98 11- 11

www.bdsensors.de
info@bdsensors.de

BD|SENSORS pressure measurement

Ordering code CIT 200

CIT 200 -□-□-□□□

Input type				
0/4 … 20 mA, 0/1 … 5 V, 0/2 … 10 V	8			
Pt100 , Pt500, Pt1000	3			
Supply				
10 … 30 VDC		1		
230 VAC		2		
110 VAC		8		
Special version				
standard			0 0 0	
sealing frame IP65			0 1 0	
operating temperature -20°C…50°C			0 8 0	
IP65 + operating temp. -20…50°C			0 P 0	
customer			9 9 9	consult

Accessories	
infrared remote control IR 2	Z900033

© 2022 BD|SENSORS GmbH - The specifications given in this document represent the state of engineering at the time of publishing. We reserve the right to make modifications to the specifications and materials.

01.01.2022

BD|SENSORS GmbH
BD-Sensors-Straße 1
D - 95199 Thierstein

Tel.: +49 (0) 92 35 / 98 11- 0
Fax: +49 (0) 92 35 / 98 11- 11

www.bdsensors.de
info@bdsensors.de