BC580Lx – EXPLOSSION PROOF INDICATOR



Specifications

BC580Lx Ex weighing indicator is designed for weighing and control application in hazardous fields. The BC580Lx can be used as drum-filling, material transferring, level indicator and also can transfer the weight information in hazardous out to PLC or SCADA by digital or analog communication, integrating field display and remote transmission at the same time, is an economical but efficient weighing solution for hazardous application.

Explosion proof grade : Exd [ib Ⅱ C] Ⅱ B T6 Gb

Ex td A21 IP66 T80ºC

Features

- Classified area: Class, Division 1 or 2, Group B, temperature code T6
- Compact Panel Mount structure, save installation space
- New generation of embedded high speed processor, strong on anti-interface
- Optimized digital filter and quick following technology
- 4~20mA/0~10V analog out available
- Over/under limit alarming
- Embedded material transfer control
- Embedded Setpoint comparison function
- Check-weigh control
- Auto zero tracking available
- Power-up zero available
- Isolated RS232/RS485/ serial interface
- Standard MONBUS RTU protocol
- 220V AC power supply (24V DC available)

Distributed by:

SUN HING WEIGHING SCALES SDN. BHD. 201201045367(908998-T)

No. 25, Dataran Kledang 10, Kawasan Perindustrian Chandan Raya, 31450 Menglembu, Perak.

No. 44, Hala Perusahaan Menglembu 13, Kawasan Perindustrian Chandan Raya, 31450 Menglembu, Perak.

No. 97, Jalan Pasir Puteh, 31650 Ipoh, Perak.

No. 29, Jalan Laxamana, 30300 Ipoh, Perak.

TEL : 010-393 6922 / 012-574 6922 / 012-572 6922 / 012-619 6922 (Mr.Timbang Careline)

EMAIL : info@scales.com.my

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Selection Configuration

Model	P.N	Description
BC580Lx1	22000272	Cast Aluminium, 2-in, 3 Relays Outputs, RS232/RS485, Red LED, 220V AC
BC580Lx2	22000273	Cast Aluminium, 2-in, 3 Relays Outputs, RS232/RS485, 4~20mA, 220V AC
BC580Lx3	22000311	Cast Aluminium, 2-in, 3 Relays Outputs, RS232/RS485, Profibus DP, 220V AC
BC580Lx1 (DC)	22000279	Cast Aluminium, 2-in, 3 Relays Outputs, RS232/RS485, Red LED, 24V DC
BC580Lx2 (DC)	22000280	Cast Aluminium, 2-in, 3 Relays Outputs, RS232/RS485, 4~20mA, 24V DC
BC580Lx3 (DC)	22000344	Cast Aluminium, 2-in, 3 Relays Outputs, RS232/RS485, Profibus DP, 24V DC

Specification

Enclosure	Cast Aluminium		
Application	2-speed material transfer mode, Setpoint comparison, Over/under, Check weigh, Reduction weigh, Peak force measurement, Gross/net fill		
Signal Range	-20Mv ~ +20mV	Signal Range	-20Mv ~ +20mV
Max. Sensitivity	0.5uV/d	Max. Sensitivity	0.5uV/d
FS Drift	3ppm/^{O}C	FS Drift	3ppm/^{O}C
AD Refresh Rate	50 ~ 200Hz	AD Refresh Rate	50 ~ 200Hz
Display	7-digit 1'segment LED		
Keypad	6 KEYS		
Discrete I/O	2 INUTA; 3 Outputs (220V AC @ 5A)		
USART	COM1: RS232; COM2: RS485		
Serial Protocol	MOSBUS RTU, Command output, Continuous Output		
Option	4~20mA/0~10V, Profibus DP		
Power Supply	180~240V AC, 60Ma; 24V DC, 150mA		
Operating Temperature	10^{O}C ~ +40^{O}C, Relative humidity: 10% ~ 90%, non-condensing		

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BC580Lx – EXPLOSSION PROOF INDICATOR

Applications



Hopper Scale



Platform Scale



Floor Scale

Options



JXH-015X

- Parallel connection up to 4 load cells
- 304 stainless steel housing
- IP66 protection rating
- Corner adjustment function
- Explosion proof grade : Ex ia II C T6 Ga



SYT-X

- IP65 protection rating
- Low profile, high accuracy
- Hermetically sealed
- Optional for alloy steel or stainless steel
- Various capacities from 500kg to 15t
- Class C3
- Explosion proof grade : Ex ia II C T6 Ga



ISB1601

- Applicable for gas and dust explosion-proof environment in zone 1 and zone 2
- Modularized design & suitable for 35mm DIN mounting rail
- For strain gauge load cell
- Connection for 4-wire / 6-wire load cell
- Explosion proof grade : [EX ib Gb] II C



SW-10

- IP65 protection rating
- Flameproof protection type
- Hydrogen group and representative substance
- Max. surface temperature 85°C
- Explosion proof grade : Ex d II C T6

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