

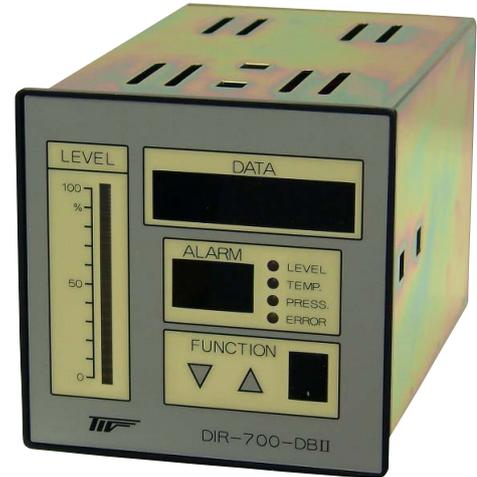
DIR-700-DBII

DIGITAL / ANALOG INDICATOR

GENERAL

DIR-700-DBII is an independent type cargo data indicator. Bar graph indication of cargo level, digital alternative indication of cargo level, pressure, and cargo temp. as well as alarm status indication are integrated in compact designed DIN96 x 96 housing.

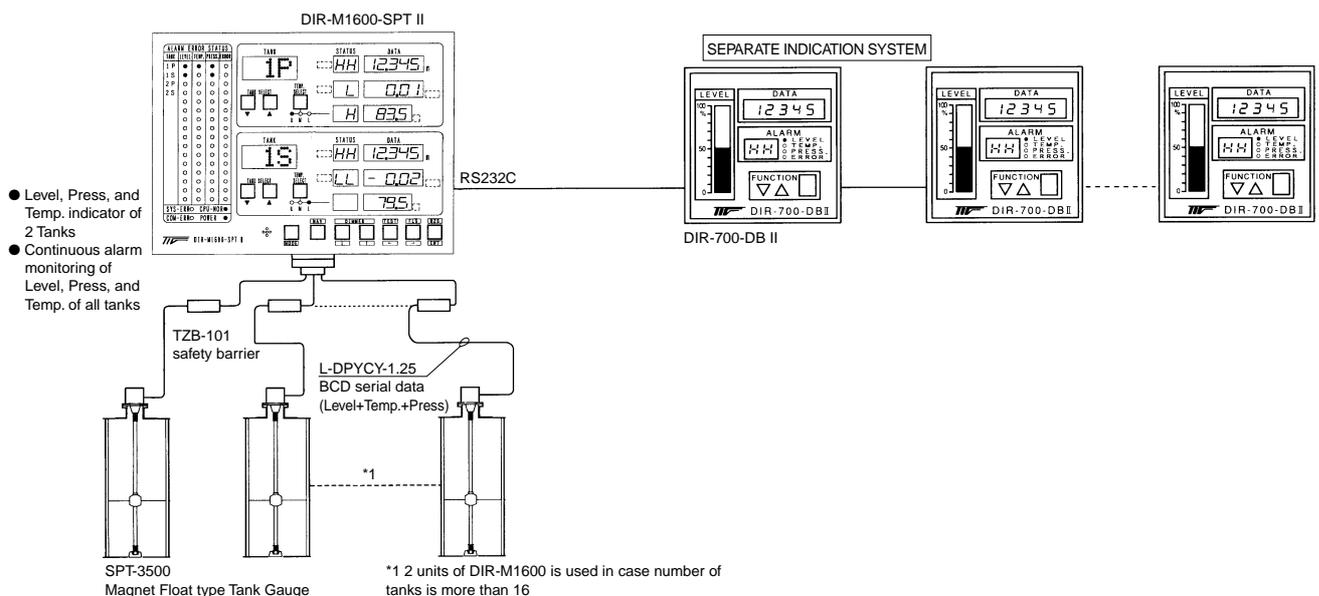
Separate continuous indication system can be created by using **DIR-M1600 MULTI-MONITOR** as the interface between local tank gauges and **CALTIS (PC)** indication system.



APPLICATION EXAMPLE

DIR-700-DBII DIGITAL / ANALOG INDICATOR receives cargo data through RS232C and indicates these data. **SPT-3500** type magnet float type tank gauges are installed onto each cargo tank. Liquid level data as well as three points temp. (High, Middle and Low) and Pressure Signal are sent to **DIR-M1600 MULTI-MONITOR** through 2 core cable.

DIR-700-DBII are connected to RS232C port of **DIR-M1600** and such cargo data are indicated at remote separate location.



STANDARD SPECIFICATION

- No. of input : Max. 16 points (Through connector)
- Type of input : RS232C (From **DIR-M1600** MULTI-MONITOR)
- Indication : ① Cargo Level Bar graph indication (Continuous) Red color LED, 0 to 100%, 50+1 segments
② Cargo data digital indication (Alternative, selectable)

Function No.	Indication data	Indicatiion unit
0	Cargo level	m
1	Temp. (High)	°C or °F
2	Temp. (Middle)	°C or °F
3	Temp. (Low)	°C or °F
4	Option	—
5	Press.	Bar, hPa, kPa

③ Alarm status indication
Red color LED, 2 digit
(Alarm setting is conducted at **DIR-M1600** MULTI-MONITOR)

Indication	Alarm status
No indication	Normal
HH	High - High for Level and Press.
H	High for Level, Press. and Temp.
L	Low for Level, Press. and Temp.
LL	Low - Low for Level and Press.

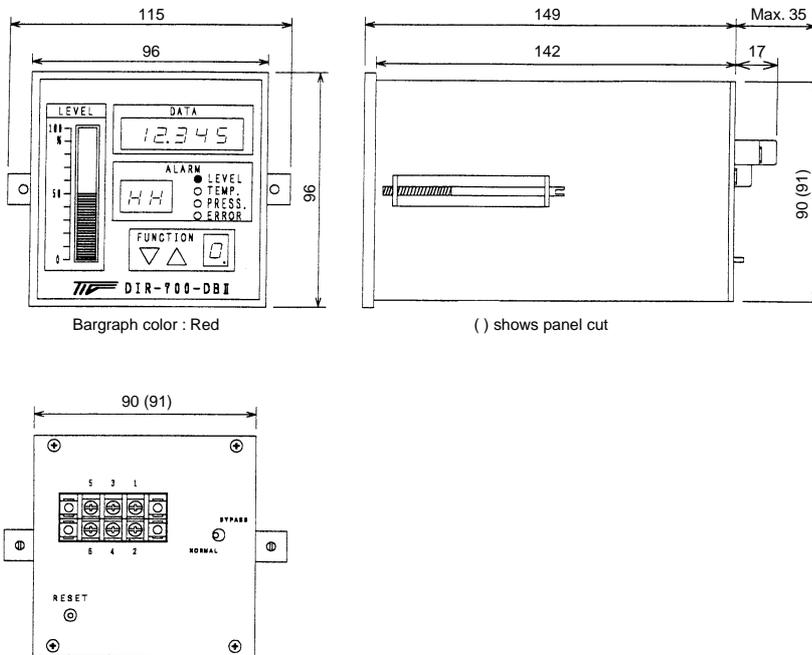
④ Error indication
The following Error code is indicated when applicable.

Error code	Error contents
E1	Sensor cable fail
E2	Transmitter fail
E3	Parity error
1E	Each sensor error
2E	Each sensor error
3E	Each sensor error
6E	Each sensor error
E8	Level alarm rest (No Error)

⑤ Selected function indication
Red color LED, 1digit (0 to 5) Selected function No. is indicated.
⑥ Status LED indication description identifying LED Red and Yellow color LED 4 points
◆ Red Level, Temp. Press.
◆ Yellow Error

- Power supply : DC24V±10%
- Power consumption : 4VA
- Installation : Panel mount
(To be located in safe area, exclusive installation fittings provided)
- AMB. Temp. : -10 to +60°C
- AMB. Humid. : 20 to 95%RH (To be free from condensation)

EXTERNAL DIMENSION



* Specification is subject to change without notice.

TOKYO KEISO CO., LTD.

Head Office : Shiba Toho Building, 1-7-24 Shibakoen, Minato-ku, Tokyo 105-8558
Tel : 03-3431-1625 (KEY) ; Fax : 03-3433-4922
e-mail : overseas.sales@tokyokeiso.co.jp ; URL : http://www.tokyokeiso.co.jp

