CFI-40 4 DIGITAL FIELD Indicator

■ FEATURE
- ● **Measuring loop current 4~20 mA (2 wired transmitters)**
- ● **High accuracy and resolution (9999 digits LED)**
- ● **User function, easily programmed by the front panel**
- ● **Two photo couple for alarm outputs**

■ ORDERING INFORMATION

CFI-40 | Alarm output

CODE	ALARM OUTPUT
S	Two photo-couple
N	None

■ TECHNICAL DATA

Accuracy: ≤ ±0.2% F.S. ±1 digit
Sampling time: About 5 cycles/sec.

Front panel
Display: Range: -1999~+9999
Measuring value: 0.32" red high bright LED
Alarm output indication: decimal point of LED
Over-range indication: " oFL " display
Under-range indication: " -oFL " display
Operation key: Two key (Push-button): Up / Down

User functions
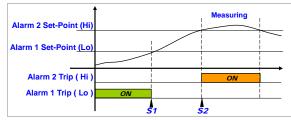**Scaling function:** HS (High Scale): -1999 ~ +9999
LS (Low Scale): -1999 ~ +9999
dP (Decimal point): 0000/000.0/00.00/0.000
AuG (Average): 1 ~ 9 cycles
Alarm function: Hi / Lo : Settable Hi trip or Low trip
Two Set-Points from –1999~+9999
HY (Hysteresis): 0 ~ 9999
Alarm outputs: Two photo couples for two set-points
DC supply: 12~30Vdc, 50mA max

Power
Power Supply: Powered from current loop
Power Drift: ≤ 4.5V, 3mA
Back up memory: By EEPROM

Environmental
Operating temperature: 0~60 ºC
Operating relative humidity: 20~90 %RH, non-condensing
Temperature coefficient: ≤ 100 PPM/ºC (0 ~ 50ºC);   ≤ 50 PPM/ºC (23 ±3ºC)
Storage temperature: -10~70 ºC
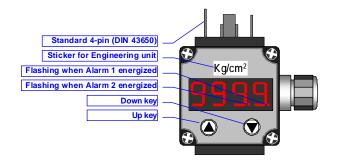
Specification
RFI/EMI: EN50081-1, EN50082-2
Protection: Front panel: IP52
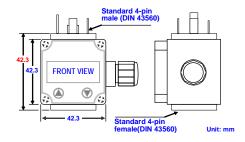
Mechanical
Dimensions: 42(W) x 42(H) x 49(D)mm
Mounting: Fitted with DIN 43650 connector
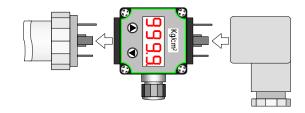**Case Material:** ABS fire-protection
Weight: About 200g

■ FRONT PANEL

- Standard 4-pin (DIN 43650)
- Sticker for Engineering unit
- Flashing when Alarm 1 energized
- Flashing when Alarm 2 energized
- Down key
- Up key

■ DIMENSIONS

Standard 4-pin male (DIN 43560)
42.3
42.3
FRONT VIEW
42.3
Standard 4-pin female(DIN 43560)
Unit: mm

■ INSTALLATION

■ CONNECTION DIAGRAM

Standard 4-pin (DIN 43560) 2 wired connection

2 photo-couple outputs for two alarms

ALARM 1 (C) (E)
CFI-40 Field Indicator
ALARM 2 (C) (E)
Load
Load
DC Supply : 12~30Vdc
Max Current : less 50mA