

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: $\leq \pm 0.2\%$ F.S. ± 1 digit
Sampling time: About 5 cycles/sec.

Front panel

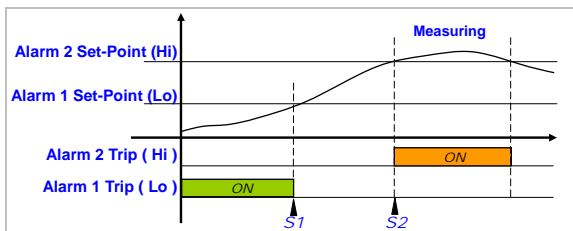
Display: Range: -1999~+9999
 Measuring value: 0.32" red high bright LED
 Alarm output indication: decimal point of LED
 "oFL" display
 "-oFL" display

Over-range indication:
Under-range indication:
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
 RuG (Average): 1 ~ 9 cycles
Alarm function: H, L: 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: $\leq 4.5V$, 3mA
Back up memory: By EEPROM

Environmental

Operating temperature: 0~60 °C
Operating relative humidity: 20~90 %RH, non-condensing
Temperature coefficient: ≤ 100 PPM/°C (0 ~ 50°C); ≤ 50 PPM/°C (23 \pm 3°C)
Storage temperature: -10~70 °C

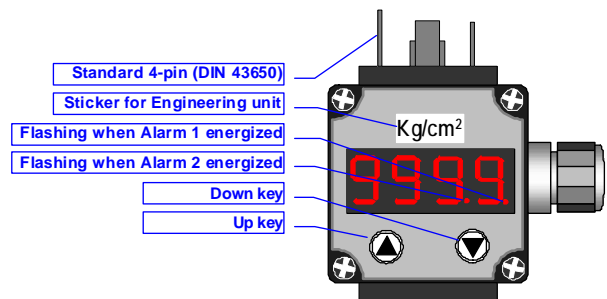
Specification

RFI/EMI: EN50081-1, EN50082-2
Protection: Front panel: IP52

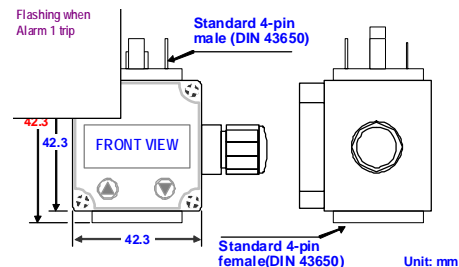
Mechanical

Dimensions: 42(W) x 42(H) x 49(D)mm
Mounting: Fitted with DIN 43650 connector
Case Material: ABS fire-protection
Weight: About 200g

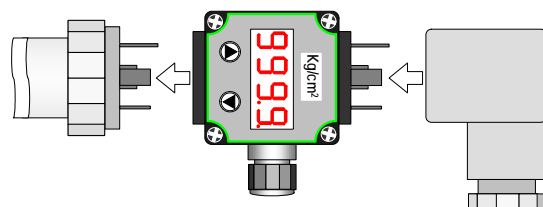
FRONT PANEL



DIMENSIONS

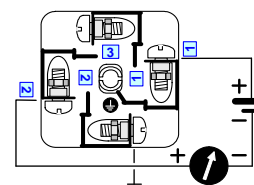


INSTALLATION



CONNECTION DIAGRAM

Standard 4-pin (DIN 43560)
2 wired connection



2 photo-couple outputs
for two alarms

