

## Panel Meters

### 4-digit DC Input Digital Panel Meters

#### 46 Series

- 1/8 DIN size
- Red or Green LED selectable
- Large main display plus two sub displays indicating peak/valley values or alarm setpoints (46DV)
- Field-selectable input range
- Optional outputs: alarm, transmitter output, BCD, RS-232C, RS-485 available for the 46DV



### 4-digit Loop Powered Indicator

#### 6DV Series **NEW**

- 4-20 mA input powered
- No external power source required
- Scaling & linearization selectable via the front control buttons
- Mountable on top of the 27HU Temperature Transmitter, installed together in an outdoor enclosure



### 3 1/2 digit Loop Powered Indicator

#### 43AL Series

- 4-20 mA input powered
- No external power source required
- IP 65 / NEMA 4X environmental protection (43AL-B)
- Stainless steel housing optional (43AL-B)
- ATEX flameproof & FM explosion-proof approved (43AL-B)



### DC Input Bargraph Indicators

#### 48N Series **NEW**

- Red, Amber, Green, Blue or Multicolor LED (red/orange/green)
- Vertical or horizontal mounting
- Single/dual bargraphs (48NV), bargraph plus alarm output (48NAV) or bargraph, digital indicator plus alarm output (48NDV)
- IP 65 front panel cover



#### DIGITAL PANEL METER SPECIFICATIONS

| Model No.           | 46DL   | 46DV   | 6DV                    | 43AL / 43AL-B          |
|---------------------|--|--|------------------------|------------------------|
| Panel cutout size   | 96 x 48 mm, 1/8 DIN  | 96 x 48 mm, 1/8 DIN                                | ----                   | 48 x 24 mm, 1/32 DIN   |
| Display digit       | 9.999  | 9.999  | 9.999                  | 1.999                  |
| LED height          | 20 mm  | Main display: 20 mm<br>Sub display: 6 mm           | 8mm                    | 10.2 mm                |
| LED color           | Red / Green  | Main display: Red / Green<br>Sub display: Red      | Red                    | Red                    |
| Input configuration | Single-ended   |  | Dual-slope integration | Dual-slope integration |
| Input               | DC voltage: $\pm 99.99\text{mV}$ to $\pm 700\text{V}$ (field selectable)<br>DC current: $\pm 99.99\mu\text{A}$ to $\pm 2\text{A}$ (field selectable) |  | 4-20 mAdc              | 4-20 mAdc              |
| Power input         | 100-240 Vac or 12-48 Vdc   |  | Not required           | Not required           |
| Output options      | ----   | Alarm, Transmitter output,<br>BCD, RS-232C, RS-485 | ----                   | ----                   |
| CE marking          | ----   | ----   | Yes                    | EMC / EMC & ATEX       |
| Safety approval     | ----   | ----   | ----                   | UL / ATEX & FM EX      |

#### BARGRAPH INDICATOR SPECIFICATIONS

| Model No.             | 48NV   | 48NAV                 | 48NDV                |
|-----------------------|--|-----------------------|----------------------|
| Panel cutout size     | 36 x 144 mm  | 36 x 144 mm           | 36 x 144 mm          |
| Mounting direction    | Vertical / Horizontal                                  | Vertical / Horizontal | Vertical             |
| Bargraph LED          | 101 segments (two), 100 mm                             | 101 segments, 100 mm  | 101 segments, 100 mm |
| Bar color             | Red, Amber, Green, Blue, Multicolor (red/orange/green) |                       |                      |
| Digital display digit | ----   | ----                  | 9.999                |
| LED height            | ----   | ----                  | 8 mm (red)           |
| Input                 | Specific range of 0-50 mAdc or $\pm 10\text{Vdc}$      |                       |                      |
| Power input           | 100-240 Vac or 24 Vdc                                  |                       |                      |
| Output options        | ----   | Dual or quad alarm    | Dual or quad alarm   |
| CE marking            | Yes  | Yes                   | Yes                  |