



Product Overview

Numeric Panel-Mount Displays



| Type | mipan FI Numeric Panel-Mount LED Display with Field Bus Interface | mipan ASi / interbus Numeric Panel-Mount LED | mipan SI Numeric Panel-Mount LED Display with Serial Interface | mipan AD Numeric Panel-Mount LED Display with A-D Converter | mitex DP / SI Alphanumeric LED Text Display with Profibus-DP Interface / Serial Interface |
|--------------------------------|---|--|--|--|--|
| General Specification | | | | | |
| Display type | 7 segment LED | 7 segment LED | 7 segment LED | 7 segment LED | LED dot matrix |
| Character height | 13 mm | 13 mm | 13 mm, 20 mm, 30 mm | 10 mm, 13 mm, 20 mm | 17 mm, 30 mm |
| Digits | 6 digits | 4 digits | 6 digits at 13 mm and 20 mm 4 digits at 20 mm and 30 mm | 3 1/2 digits at 10 mm, 13 mm and 20 mm | mitex DP/SI: 8 digits at 17 mm mitex DP/SI: 8 digits at 30 mm |
| Display colour | red | | red | red | red |
| Operating voltage | 24 VDC ±20 % | | 24 VDC ±20 % | 24 VDC ±20 % | 24 VDC ±20 % |
| Current consumption | Profibus-DP: approx. 75 mA InterBus: approx. 120 mA | | 13 mm, 6 digits: approx. 120 mA 20 mm, 4 digits: approx. 120 mA 20 mm, 6 digits: approx. 150 mA 30 mm, 4 digits: approx. 150 mA | 10 mm approx. 30 mA 13 mm approx. 40 mA 20 mm approx. 70 mA | mitex DP: approx. 250/350 mA at 24 VDC operating voltage mitex SI: approx. 250 mA at 24 VDC operating voltage |
| Interfaces |  | | RS232, TTY, RS485 (bus compatible) | 0 to ±2 VDC, 0 to ±10 VDC, 1 to ±5 VDC 0 to 20 mA, 4 to 20 mA |  RS232, RS485 (bus compatible) |
| Addresses | 0 to 26 | | 01 to 99 | | mitex DP: 0 to 126 mitex SI: 1 to 127 |
| Display | 0 to 9 and A, b, -, Blank | | 0 to 9, A, b, C, d, E, F, n, o, P, r, U, -, | 000 to ±1999 | ASCII character set (+ additional characters for DP) |
| Baud rate | 9.6 kBaud to 12MBaud | | 1.2 / 2.4 / 4.8 / 9.6 kBaud | | mitex DP: 9.6 kBaud to 12 MBaud mitex SI: 2.4 to 19.2 kBaud |
| Housing | DIN panel-mount housing, metal with special surface finish | | DIN panel-mount housing, metal with special surface finish | DIN panel-mount housing, metal with special surface finish | DIN panel-mount housing, metal with special surface finish |
| Housing dimensions (w x h x d) | 96 x 24 x 60 mm | | 13 mm, 6 digits: 96 x 24 x 62 mm 20 mm, 4 digits: 96 x 48 x 62 mm 20 mm, 6 digits: 144 x 48 x 62 mm 30 mm, 4 digits: 144 x 48 x 62 mm | 10 mm: 48 x 24 x 60 mm 13 mm: 96 x 24 x 61 mm 20 mm: 96 x 48 x 61 mm | 17 mm, 8 digits: 168 x 24 x 62 mm 30 mm, 8 digits: 264 x 48 x 40 mm |
| Mounting | screw clamps | | screw clamps | screw clamps | screw clamps |
| Protection | front panel IP65 | | front panel IP65 | front panel IP65 | front panel IP65 |
| Operating temperature | 0 to +50 °C | | 0 to +50 °C | 0 to +50 °C | 0 to +45 °C |
| Storage temperature | -25 to +70 °C | | -25 to +70 °C | -25 to +70 °C | -25 to +60 °C |
| Product catalog | page 36 and 40 | | page 42 | page 44 | page 48 and 60 |

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