



Product Overview

Large Format Numeric Displays for Indoor Application



| Type | migan (FI) Large Format Numeric LED Display with Field Bus Interface for Indoor Application | migan (SI) Large Format Numeric LED Display with Serial Interface for Indoor Application | migan (AD) Large Format Numeric LED Display with A-D Converter for Indoor Application | migan (IZ) Large Format Numeric LED Display with Pulse Counter for Indoor Application | migan (BCD) Large Format Numeric LED Display with BCD Control for Indoor Application |
|------------------------------|---|--|---|--|--|
| General Specification | | | | | |
| Display type | 7 segment LED | 7 segment LED | 7 segment LED | 7 segment LED | 7 segment LED |
| Character height | 60 mm, 100 mm, 150 mm, 200 mm, 250 mm | 60 mm, 100 mm, 150 mm, 200 mm, 250 mm | 60 mm, 100 mm, 150 mm, 200 mm, 250 mm | 60 mm, 100 mm, 150 mm, 200 mm, 250 mm | 60 mm, 100 mm, 150 mm, 200 mm, 250 mm |
| Digits per line | 1 to 15 digits | 1 to 15 digits | 1 to 4 ½ and minus sign | 1 to n digits | 1 to n digits |
| Number of lines | 1 to n lines | 1 to n lines | 1 to n lines | 1 to n lines | 1 to n lines |
| Display colour | red | red | red | red | red |
| Operating voltage | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % |
| View | single to four-sided | single to four-sided | single to four-sided | single to four-sided | single to four-sided |
| Interfaces | | RS232, TTY, RS485 (bus compatible) | standard signals: 0 to +10 VDC 0/4 to 20 mA PT 100 2-/3-conductor Download: RS232 / USB (optional) | inputs for pulses, counting direction, reset, preset; optional: BCD pre-selection, incremental transducer pulse rep. frequency up to 1 MHz Download: RS232 / USB (optional) | multiplex BCD or parallel BCD |
| Outputs (optional) | RS485 | RS485 | signals for limit values | relays outputs for limit values | |
| Display | 0 to 9 and special characters | 0 to 9 and special characters | 0 to ±19999 | counting pulses, pulses per unit of time | 0 to 9, H, E, L, P, -, Blank |
| Labelling | upon request | upon request | upon request | upon request | upon request |
| Housing | industrial version, powder coated aluminium | industrial version, powder coated aluminium | industrial version, powder coated aluminium | industrial version, powder coated aluminium | industrial version, powder coated aluminium |
| Housing colour | RAL 7016 (anthracite) | RAL 7016 (anthracite) | RAL 7016 (anthracite) | RAL 7016 (anthracite) | RAL 7016 (anthracite) |
| Mounting | articulated arm, angle bracket, hanging with chain or mounting frame | articulated arm, angle bracket, hanging with chain or mounting frame | articulated arm, angle bracket, hanging with chain or mounting frame | articulated arm, angle bracket, hanging with chain or mounting frame | articulated arm, angle bracket, hanging with chain or mounting frame |
| Protection | IP54 or IP65 | IP54 or IP65 | IP54 or IP65 | IP54 or IP65 | IP54 or IP65 |
| Operating temperature | 0 to +50 °C | 0 to +50 °C | 0 to +50 °C | 0 to +50 °C | 0 to +50 °C |
| Storage temperature | -25 to +70 °C | -25 to +70 °C | -25 to +70 °C | -25 to +70 °C | -25 to +70 °C |
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Product Overview

Large Format Numeric Displays for Outdoor Application (AW)

| Type | migan AW (FI) Large Format Numeric LED Display with Field Bus Interface for Outdoor Application | migan AW (SI) Large Format Numeric LED Display with Serial Interface for Outdoor Application | migan AW (AD) Large Format Numeric LED Display with A-D Converter for Outdoor Application | migan AW (IZ) Large Format Numeric LED Display with Pulse Counter for Outdoor Application | migan AW (BCD) Large Format Numeric LED Display with BCD Control for Outdoor Application |
|--|---|--|---|---|--|
| General Specification | | | | | |
| Display type | 7 segment LED | 7 segment LED | 7 segment LED | 7 segment LED | 7 segment LED |
| Pixel size: | up to 180 mm: 5,2 x 3,8 mm (oval) at 250 mm: 5 mm (round) | up to 180 mm: 5,2 x 3,8 mm (oval) at 250 mm: 5 mm (round) | up to 180 mm: 5,2 x 3,8 mm (oval) at 250 mm: 5 mm (round) | up to 180 mm: 5,2 x 3,8 mm (oval) at 250 mm: 5 mm (round) | up to 180 mm: 5,2 x 3,8 mm (oval) at 250 mm: 5 mm (round) |
| Angle of radiation (horizontal/vertical) | up to 180 mm: 110°/50° at 250 mm: ±15° | up to 180 mm: 110°/50° at 250 mm: ±15° | up to 180 mm: 110°/50° at 250 mm: ±15° | up to 180 mm: 110°/50° at 250 mm: ±15° | up to 180 mm: 110°/50° at 250 mm: ±15° |
| Character height | 75 mm, 120 mm, 180 mm, 250 mm | 75 mm, 120 mm, 180 mm, 250 mm | 75 mm, 120 mm, 180 mm, 250 mm | 75 mm, 120 mm, 180 mm, 250 mm | 75 mm, 120 mm, 180 mm, 250 mm |
| Digits per line | 1 to 16 digits | 1 to 16 digits | 1 to 4 ½ | 1 to 9 digits | 1 to 4 / 6; optional: 8 / 12 digits |
| Number of lines: | at 75 mm: 2 lines per module from 120 mm: 1 line per module | at 75 mm: 2 lines per module from 120 mm: 1 line per module | at 75 mm: 2 lines per module from 120 mm: 1 line per module | at 75 mm: 2 lines per module from 120 mm: 1 line per module | at 75 mm: 2 lines per module from 120 mm: 1 line per module |
| Display colour | standard: red; optional: green, yellow, white and blue | standard: red; optional: green, yellow, white and blue | standard: red; optional: green, yellow, white and blue | standard: red; optional: green, yellow, white and blue | standard: red; optional: green, yellow, white and blue |
| Brightness control | automatically in 100 levels | automatically in 100 levels | automatically in 100 levels | automatically in 100 levels | automatically in 100 levels |
| Operating voltage | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % | 230 V / 50 Hz, 110 V / 60 Hz or 24 VDC ±20 % |
| View | single or double-sided | single or double-sided | single or double-sided | single or double-sided | single or double-sided |
| Interfaces |  | RS232, TTY, RS485 (bus compatible) | standard signals: 0 to +10 VDC 0/4 to 20 mA PT 100 2-/3-conductor Download: RS232 / USB (optional) | inputs for pulses, counting direction, reset, preset; optional: BCD BCD pre-selection, incremental transducer pulse rep. frequency up to 1 MHz Download: RS232 / USB (optional) | multiplex BCD or parallel BCD |
| Outputs (optional) | RS485 | RS485 | signals for limit values | relays outputs for limit values | |
| Display | 0 to 9 and special characters | 0 to 9 and special characters | 0 to ±19999 | counting pulses, pulses per unit of time | 0 to 9, H, E, L, P, -, Blank |
| Labelling | upon request | upon request | upon request | upon request | upon request |
| Housing | industrial version, powder coated aluminium | industrial version, powder coated aluminium | industrial version,, powder coated aluminium | industrial version, powder coated aluminium | industrial version, powder coated aluminium |
| Housing colour | RAL 7016 (anthracite) | RAL 7016 (anthrazit) | RAL 7016 (anthracite) | RAL 7016 (anthrazit) | RAL 7016 (anthrazit) |
| Mounting | articulated arm, angle bracket, or mounting frame | articulated arm, angle bracket, or mounting frame | articulated arm, angle bracket, or mounting frame | articulated arm, angle bracket, or mounting frame | articulated arm, angle bracket, or mounting frame |
| Protection | IP65 for outdoor application | IP65 for outdoor application | IP65 for outdoor application | IP65 for outdoor application | IP65 for outdoor application |
| Operating temperature | -20 to +50 °C | -20 to +50 °C | -20 to +50 °C | -20 to +50 °C | -20 to +50 °C |
| Storage temperature | -25 to +70 °C | -25 to +70 °C | -25 to +70 °C | -25 to +70 °C | -25 to +70 °C |
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