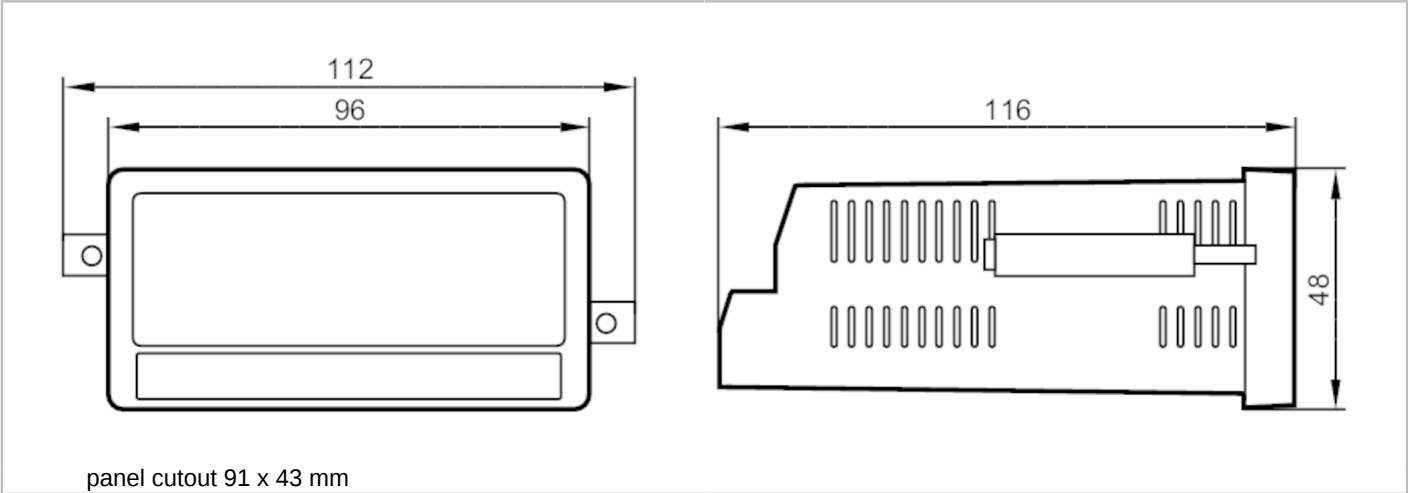


# DX2055



## Multifunction display for monitoring analogue standard signals

DISPLAY/AX460/IO-Link/DC



| Product characteristics      |      |                                                                                                        |
|------------------------------|------|--------------------------------------------------------------------------------------------------------|
| Communication interface      |      | IO-Link                                                                                                |
| Dimensions                   | [mm] | 48 x 112 x 116                                                                                         |
| Application                  |      |                                                                                                        |
| Application                  |      | displaying and monitoring analogue signals; e.g. pressure sensors, temperature sensors or flow sensors |
| Electrical data              |      |                                                                                                        |
| Operating voltage            | [V]  | 18...30 DC                                                                                             |
| Current consumption          | [mA] | 100                                                                                                    |
| Inputs / outputs             |      |                                                                                                        |
| Number of inputs and outputs |      | Number of analogue inputs: 2; Number of digital outputs: 4                                             |
| Inputs                       |      |                                                                                                        |
| Number of analogue inputs    |      | 2; (Spannungs- oder Stromeingang)                                                                      |
| Analogue input (current)     | [mA] | 0...20                                                                                                 |
| Analogue input (voltage)     | [V]  | -10...10                                                                                               |
| Resolution of analogue input |      | 16 bit                                                                                                 |
| Precision analogue input     | [%]  | 0,1                                                                                                    |
| Outputs                      |      |                                                                                                        |
| Number of digital outputs    |      | 4                                                                                                      |
| Max. current load per output | [mA] | 200                                                                                                    |
| Overload protection          |      | yes                                                                                                    |
| Interfaces                   |      |                                                                                                        |
| Communication interface      |      | IO-Link                                                                                                |
| Transmission type            |      | COM3 (230,4 kBaud)                                                                                     |
| IO-Link revision             |      | 1.1                                                                                                    |
| Required master port type    |      | A                                                                                                      |
| Min. process cycle time      | [ms] | 3                                                                                                      |
| Operating conditions         |      |                                                                                                        |
| Ambient temperature          | [°C] | -20...60                                                                                               |



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|                             |      |          |
|-----------------------------|------|----------|
| Storage temperature         | [°C] | -25...70 |
| Protection                  |      | IP 65    |
| Protection rating terminals |      | IP 20    |

Tests / approvals

|     |              |  |
|-----|--------------|--|
| EMC | EN 61000-6-2 |  |
|     | EN 61000-6-3 |  |
|     | EN 61000-6-4 |  |

Mechanical data

|                  |      |                          |
|------------------|------|--------------------------|
| Weight           | [g]  | 318                      |
| Type of mounting |      | panel cutout: 91 x 43 mm |
| Dimensions       | [mm] | 48 x 112 x 116           |
| Materials        |      | Noryl UL94-V-0           |

Displays / operating elements

|         |                |                                        |
|---------|----------------|----------------------------------------|
| Display | colour display | full graphic LCD display, touch screen |
|---------|----------------|----------------------------------------|

Electrical connection

screw terminals:

Connection

