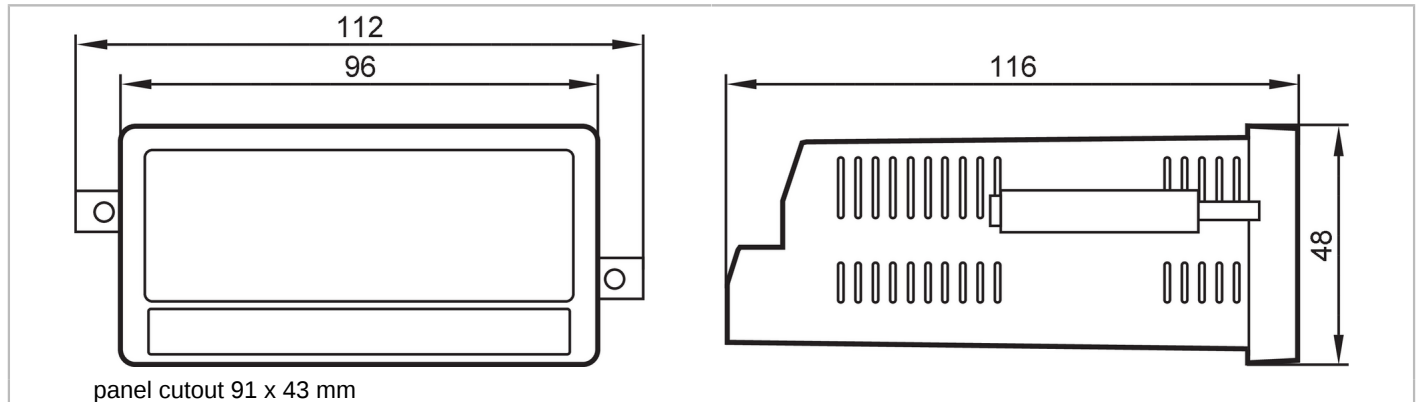


# DX2045



## Multifunction display for monitoring analog standard signals

DISPLAY/AX460/IO-Link/AC/DC



| Product characteristics      |      |                                                                                                      |
|------------------------------|------|------------------------------------------------------------------------------------------------------|
| Communication interface      |      | IO-Link                                                                                              |
| Housing                      |      | rectangular                                                                                          |
| Dimensions                   | [mm] | 48 x 112 x 116                                                                                       |
| Application                  |      |                                                                                                      |
| Application                  |      | displaying and monitoring analog signals; e.g. pressure sensors, temperature sensors or flow sensors |
| Electrical data              |      |                                                                                                      |
| Frequency AC                 | [Hz] | 50...60                                                                                              |
| Operating voltage            | [V]  | 115...230 AC / 18...30 DC                                                                            |
| Current consumption          | [mA] | 100                                                                                                  |
| Power consumption            | [W]  | 3                                                                                                    |
| Inputs / outputs             |      |                                                                                                      |
| Number of inputs and outputs |      | Number of analog inputs: 2; Number of digital outputs: 4                                             |
| Inputs                       |      |                                                                                                      |
| Number of analog inputs      |      | 2; (Spannungs- oder Stromeingang)                                                                    |
| Analog input (current)       | [mA] | 0...20                                                                                               |
| Analog input (voltage)       | [V]  | -10...10                                                                                             |
| Resolution of analog input   |      | 16 bit                                                                                               |
| Precision analog 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 class   |      | A                                                                                                    |
| Min. process cycle time      | [ms] | 3                                                                                                    |

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DISPLAY/AX460/IO-Link/AC/DC

| Supported DeviceIDs | Type of operation | DeviceID |
|---------------------|-------------------|----------|
|                     | default           | 1226     |

| Operating conditions        |      |          |
|-----------------------------|------|----------|
| Ambient temperature         | [°C] | -20...60 |
| 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]  | 369                                                                 |
| Housing          |      | rectangular                                                         |
| Type of mounting |      | installation in panels or panel cutouts; (panel cutout: 91 x 43 mm) |
| Dimensions       | [mm] | 48 x 112 x 116                                                      |
| Material         |      | housing: Noryl UL94-V-0                                             |

| Displays / operating elements |               |                                        |
|-------------------------------|---------------|----------------------------------------|
| Display                       | Color display | full graphic LCD display, Touch screen |

| Remarks       |  |        |
|---------------|--|--------|
| Pack quantity |  | 1 pcs. |

### Electrical connection

screw terminals:

#### Connection

