

## LPD350/4-20MA/0-100.0/X AU

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

Do not use product for new developments



Suitable for field mounting to display an analog 4- 20 mA signal.

The digital indicator is looped into the current loop.

Features:

- No separate supply voltage is required.
- For industrial environments, mounted in the control cabinet door, the protection class is IP65.
- Even in unfavourable lighting conditions, the display value is clearly visible.

### General ordering data

|                 |  |
|-----------------|--|
| Version         | Signal converter/insulator                                     |
| Order No.       | <a href="#">7940010163</a>                                     |
| Type            | LPD350/4-20MA/0-100.0/X AU                                     |
| GTIN (EAN)      | 403224856564 1   |
| Qty.            | 1 Stück  |
| Delivery status | <b>This article will no longer be available in the future.</b> |

Erstellungs-Datum May 26, 2023 3:17:26 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

## LPD350/4-20MA/0-100.0/X AU

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technische Daten

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 48.8 mm | Height (inches) | 1.921 inch |
| Width      | 96.6 mm | Width (inches)  | 3.803 inch |
| Length     | 75 mm   | Length (inches) | 2.953 inch |
| Net weight | 225 g   |                 |            |

### Temperatures

|                             |                            |                             |                |
|-----------------------------|----------------------------|-----------------------------|----------------|
| Storage temperature         | -25 °C...85 °C             | Operating temperature       | -20 °C...70 °C |
| Operating temperature, min. | -20 °C                     | Operating temperature, max. | 70 °C          |
| Humidity                    | 0...90 % (no condensation) |                             |                |

### Display

|               |  |        |             |
|---------------|--|--------|-------------|
| Display range | -1999...1999, 0...100 %                              | Format | Single-line |
| Type          | 3.5 digits, black LCD with clear background, 12.7 mm |        |             |

### General data

|                    |   |                         |  |
|--------------------|---|-------------------------|--|
| Accuracy           | ± 0.05 % from signal range ± 1 digital step | Input/Output            | Current input  |
| Repeat accuracy    | ± 0.05 % of signal range                    | Sampling rate           | 2,5 x pro s  |
| Step response time | 200 ms (10...90 %)                          | Temperature coefficient | Offset ± ± 0.1 digital steps per °C<br>Adjustment range ± 0.1 digital steps per °C |
| Type of connection | Screw connection                            |                         |  |

### Input

|                  |           |                     |                                   |
|------------------|-----------|---------------------|-----------------------------------|
| Input current    | 4...20 mA | Input current, max. | 100 mA constant / 500 mA for 10 s |
| Input resistance | 125 Ω     | Type                | Current input                     |

### Insulation coordination

|               |          |               |                      |
|---------------|----------|---------------|----------------------|
| EMC standards | EN 50178 | Rated voltage | 300 V <sub>eff</sub> |
|---------------|----------|---------------|----------------------|

### Connection data

|                      |                     |                                  |                     |
|----------------------|---------------------|----------------------------------|---------------------|
| Type of connection   | Screw connection    | Clamping range, rated connection | 1.5 mm <sup>2</sup> |
| Clamping range, min. | 0.5 mm <sup>2</sup> | Clamping range, max.             | 2.5 mm <sup>2</sup> |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000677    | ETIM 7.0    | EC000677    |
| ETIM 8.0    | EC000677    | ECLASS 9.0  | 27-14-31-10 |
| ECLASS 9.1  | 27-21-03-01 | ECLASS 10.0 | 27-14-31-10 |
| ECLASS 11.0 | 27-14-31-10 | ECLASS 12.0 | 27-14-31-10 |

### Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

**LPD350/4-20MA/0-100.0/X AU**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technische Daten

### Approvals

Approvals



|                           |            |
|---------------------------|------------|
| ROHS                      | Conform    |
| UL File Number Search     | UL Website |
| Certificate no. (cULus)   | E256486    |
| Certificate no. (cULusEX) | E338066    |

### Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>           |
| User Documentation                          | <a href="#">Instruction sheet english - deutsch</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>            |
| Brochures                                   |   |

## LPD350/4-20MA/0-100.0/X AU

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

# Zeichnungen

### Electric symbol

