

## General information

PWS29520260402

The weight transmitter E LINK 3000 Profibus DP can be integrated into any industrial regulation and supervision system. This weight instrument has 5 different electronic configurations and 5 different enclosures for every installation requirement. The weight transmitter E LINK 3000 Profibus DP can be configured from a PC, by using a dedicated software or directly from the Master via the communication protocol. Its main functions are: field and remote fault diagnostics, faulty cell emulation function with exclusion from the weighing system and automatic recalibration of the new load cell. The weight transmitter E LINK 3000 Profibus DP owns two serial ports: COM1: RS232 for parameter configuration from pc and Profibus DP. E LINK 3000 Profibus DP has Sub-D-9-pole connector for electrical connection to load cells.



Profibus DP GSD file: [elink\\_3000\\_profibus\\_dp\\_gsd.zip](#)

All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

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<b>Input sensitivity:</b>	0.003 $\mu$ V/count
<b>Full scale non-Linearity:</b>	< 0.01%
<b>Gain drift:</b>	< 0.003% FS/°C
<b>A/D Converter:</b>	24 bits
<b>Internal Resolution:</b>	> 16.000.000 points
<b>Temperature range:</b>	-10 ÷ +50°C
<b>Storage temperature:</b>	-20 ÷ +70 °C
<b>Excitation voltage:</b>	5 Vdc
<b>Serial port:</b>	COM1: RS232 (for configuration parameteRS from a PC); COM2: Profibus DP
<b>Power supply:</b>	12 ÷ 24 Vcc
<b>Regulatory compliance:</b>	EN 61000-6-3, EN 61000-6-2
<b>Dimensions:</b>	130x100x60 mm (WxHxD) card of support for DIN rail
<b>Fieldbus:</b>	Profibus DP
<b>Number of readings per second:</b>	0.1 ÷ 72 based on the number of cells and on the digital filter value
<b>Input signal cells:</b>	-5 mV/V ÷ +5 mV/V

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