
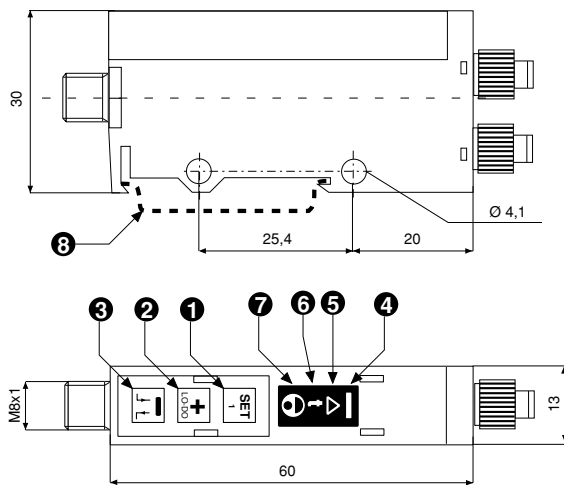


2.2

SERIE	FX2
	
Amplifier units with self-teach for optical fibres - DC	
<ul style="list-style-type: none"> ◆ Quick set-up for self-teach with one key ◆ Keyboard adjustment and display with multifunctional LED ◆ Microcontroller controlled and EEPROM parameters storage ◆ Threshold/sensitivity adjustment ◆ Built-in adjustable timer ◆ Self-teac from keyboard or with remote input ◆ Keyboard-lock function ◆ M8 standard connector ◆ NPN or PNP output with selectable NO/NC ◆ IP65 protection degree ◆ Complete protection against electrical damage ◆ M4 screws or DIN rail mounting 	

DIMENSIONAL DRAWING	
	
Key	
<ol style="list-style-type: none"> 1 Automatic threshold set-up / Special functions key 2 Sensitivity increase / NO-NC selection / Increase timer adjustment 3 Sensitivity decrease / Delay on - delay off key / Decrease timer adjustment 4 Detection indicator 5 Dirty optics / Weak signal / Alignment indicator 6 Timer ON 7 Keyboard pressed / Keyboard locked (always switched on) 8 DIN rail mounting 	<p>Connectors CD serie</p> <p>N.B. When a short circuit occurs on the static output, the LED 4 and the LED 7 blink and the emission stops. The LED 5 switches on when the signal is too weak.</p>



Keyboard for function selection

The keyboard with three waterproof keys allows the access to following functions:

- threshold/sensitivity adjustment
- timing (from 0.04 to 5sec)
- sensor output state selection
- keyboard lock

M8 standard connector

M8 standard connector for safe installation and fast maintenance (to be used with new M.D. range connectors CD08 series).

Remote adjustment

The self-teach function can be activated also in the remote mode through wires of connection in case there is no enough space to reach the sensor.

Screw plus DIN rail mounting

FX2 serie offers a double mounting: the screw one (2xM4 step 25,4mm) or DIN rail one. The small dimensions allow the mounting in battery also.

Adjustment with a simple pressed-key

The simple pression of a key allow the self-teach and the achievement of optimum sensitivity in the standard mode. This work can be executed by any operators in easy and immediate way. The lock keyboard function avoids any undesirable or accidental setting of sensitivity.

Multifunctional LED

A multifunctional LED allows the rapid signaling of:

- ON-OFF detection
- dirty optic
- low signal
- alignment
- timer ON
- locked keyboard
- short circuit

Wide range of optical fibres

The FX2 serie can be connected with the wide plastic range of M.D.fibres CF serie and glass fibres CV serie. There is emission in red light with visible spot.

