

Photoelectric sensor CF2ET



Photoelectric sensor CF 2 ET is designed to receive light signals eg transmitted by personal light and their processing into signals on outputs that can be double contact NO / NC, double transistor, transmission output after RS-485 connector. The CF 2 ET photoelectric sensor can be used in non-explosive fields (rooms), methane fields of mining plants in excavations (rooms) classified as "a", "b" or "c" explosion hazard, in a gas environment belonging to explosion group I or in rooms with a risk of coal dust explosion. Meets the requirements for explosion-proof devices and can be used as a group I equipment in the M1 category.

Mark CF2ET

Rated supply voltage U_n	10÷17VDC
Output (two-state) contact	$U_i = 30V$, $I_i = 3A$
Output transistor	$U_i = 30V$, $I_i = 50mA$, $P_i = 100mW$
Transmission RS485	$U_o = 5,88V$, $I_o = 0,039A$, $U_i = 17V$, $I_i = 3A$
The range of adjustment of the sensor lighting time	0 ÷ 9s
Sensitivity adjustment for the level of illumination	jumping in scale 0 ÷ 9
The degree of housing protection	IP 65
Ambient temperature	- 20°C do + 40°C
Relative humidity of air in the workplace	95%
Weight	~ 4kg
Dimensions	200 x 150 x 110 (mm)

The conformity mark: **CE** 1453

Designation of explosion protection **Ex** I M1 Ex ia I Ma