CF 101 Photoelectric skanning head

ISO 9001:2000

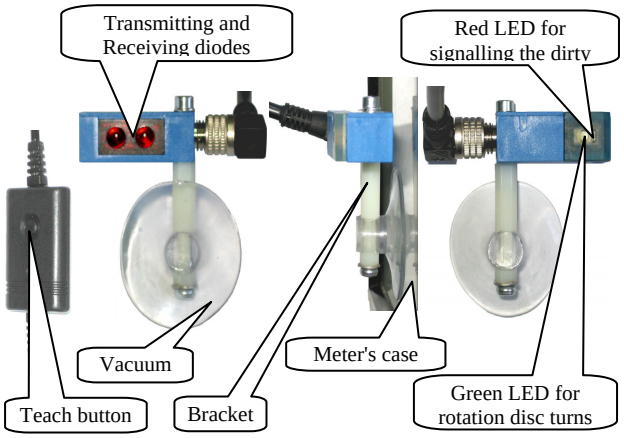
- Mounting to meter by vacuum cup
- Small dimensions and weight
- Requires no adjustment
- Teach function

The Photoelectric Scanning Head CF 101 together with electricity meter tester Calport100 is designed for detecting number of rotating disc turns in Ferrari electricity meters. Scanning head can detect black or red mark on the meter's rotating disc and because of self teaching function it can be used in different watthour meter design.

Mounting instruction and users manual:

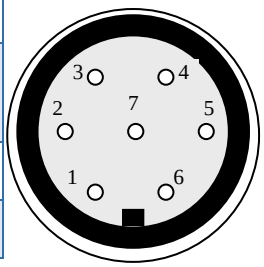
- make the vacuum cup a little wet,
- put scanning head's vacuum cup in front of the flat part of the tested meter, in the way, that the scanning head's case will be in parallel to the rotating disc and the light from the transmitting diode will illuminate the central part of rotating disc edge,
- if green LED doesn't flash in front of mark on rotating disc or LED flashes too often, one should start self teaching function by pressing button on the scanning head till the moment of fast green LED flashing,
- if green LED doesn't flash in front of mark on rotating disc or LED flashes too often, one should start self teaching function by pressing button on the scanning head till the moment of fast green LED flashing,
- scanning head can be dismounted by means of small screwdriver pushed between vacuum cup and meter's case (attention: pulling the scanning head out by the case can destroy it).

Attention: the red diode on the back of scanning head signals the dirty optics.



PARAMETERS OF THE CF101 SCANNING HEAD

Power Supply Vcc	10...30V
Maximum supply current	30mA
Output	voltage U_{LO}=0...0,5V ; U_{HI}=5...(Vcc-4)V R_{OUT}=2,2k
Sensitivity distance	0...10mm
Connector type	wtyk C091A T3475-001 Amphenol



PIN	DESCRIPTION
1, 2, 3, 6	NC – not connected
4	Ground
5	Power Supply +24V
7	Output

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