

**TIA-10**

## Transmitter of analogical inclination

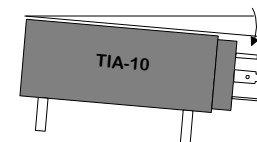
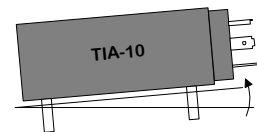
**INFORM THE EXCESS OF SOME INCLINATION VALUES COMPARED TO THE HORIZONTAL PLANE.**

**VERSIONS  $\pm 5^\circ$**

SUPPLY VOLTAGE: ..... from 10.5V to 32V  
 EXIT ACTIVATION AREA..... from  $-5^\circ$  to  $+5^\circ$   
 CONSUMPTION ON DISCONNECTED EXIT: 18mA @ 12V, 20mA @ 24V  
 MAXIMUM FALL VOLTAGE ON OUTPUT:..... 2V  
 RESPONSE TIME: ..... 125ms  
 TEMPERATURE FIELD: .....  $-10^\circ\text{C} \div 70^\circ\text{C}$   
 MAXIMUM CURRENT ON OUTPUT ..... 80mA  
 RESISTANCE TO BUMP (NON ALIMENTATO)  $9'800\text{m/s}^2$   
 PROTECTION LEVEL OF THE CASE: ..... IP65

**OTHER VERSIONS:** .....  $\pm 10^\circ, \pm 55^\circ$

ORDER CODE: **FO0104**

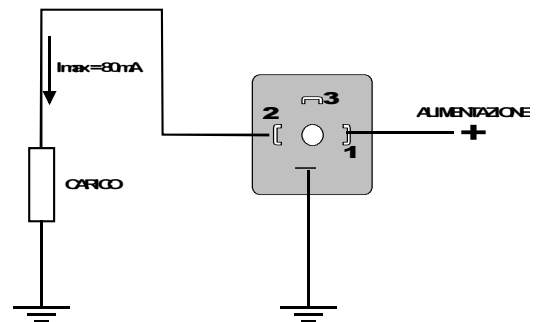


**FUNCTIONING**

- The transmitter is fitted with a transistor exit with a 100mA current limited that is been activated if the sensor inclination, compared to the horizontal plane, remains within  $\pm 5^\circ$  angle. The operation will be immediatly in action once the load is connected and the transmitter powered. The load must have a value that does not exceed the current maximum above listed among the data characteristic.

**CALIBRATION**

The transmitter is calibrated at the factory and does not require any calibration: verify that the position shown in the picture, along with the side perfectly horizontal, which is the center of the field of operation, the load is powered. Tilting the device in addition to  $\pm 5^\circ$  angle you have the deactivation of the load.



**ATTENTION**

A fall from a considerable height on a hard surface can be a shock value over  $9'800\text{m} / \text{s}^2$  (1000g) for which you must handle the device with care bfore the installation.



Unify Electronic  
Design and Engineering  
Electronic Equipment

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The company assume no responsibility for any errors which may appear in this document and reserves the right to change device or specifications detailed herein at any time without notice.



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