



TIA-20/320

Analog transmitter tilt

TRANSMITTED THROUGH A VOLTAGE OUTPUT 0-10V, HIS ANGLE FROM THE VERTICAL GROUND.

VERSION 20 ° ∠
 POWER SUPPLY: 15V to 32V
 READING RANGE -10 ° to +10 ° ∠ ∠
 TEMPERATURE RANGE: -20 ° C to 70 ° C
 RESOLUTION 0.05 ° ∠
 ACCURACY: ± 0.1 ° ∠
 RESPONSE TIME TO ROTATION: 250ms
 CONSUMPTION TO OUTPUT DISCONNECTED: 20mA @ 24V
 HIGH IMPACT RESISTANCE 9'800m / s2 (1000G)
 ELECTRICAL CONNECTION AMP Superseal F250
 Degree of Protection: IP65
 OTHER VERSIONS: ∠ 110 °, 210 ° ∠, ∠ 270 °, 360 ° ∠

USE

And ideal in those applications where it should be noted the inclination of a mechanical part simply bolted onto the sensor, and then without the use of moving parts or joints, guaranteeing in the meantime a high insensitivity to water jets and shock. It is not suitable for use on vehicles while they travel.

OPERATION

The transmitter has an output voltage 0 to 10V independent of both the supply voltage, both the load resistance provided that this is worth more than 5K Ω. The operation is immediately fed to the transmitter. A horizontal sensor the output is 5V, ∠ applies to -10 ° to +10 ° ∠ 1.60V and the output is 8.40V. If the output voltage is outside this range the device or its connections are an anomaly.

