

## Process Automation

IMI STI

2030

Electronic Position Transmitter



Breakthrough engineering for a better world





## 2030

# Electronic Position Transmitter

The Electronic Position Transmitter (model 2030) is suitable for installation on quarter turn and linear actuators. It has been designed to meet various industrial application requirements, for example on-board pneumatic actuators. The enclosure has the capability to house a wide range of either mechanical or inductive limit switches (up to 4). A shaft with a manually-adjustable cam is used for accurate and easy setting of the limit switches which are pre-wired to a terminal strip.



#### Product features

Suitable for standard, offshore, sandstorm, copper free ambient conditions.

Single and double acting actuators.

Low and high ambient temperatures.

Quarter turn and linear actuators.

Designed to be coupled with STI motion converter device.

#### **Technical specifications**

Housing materials Painted RAL 9005 aluminium Stainless steel 316 (without limit switches)

Operating temperature -40°C to 85°C

Accuracy (\*) <0.5% (including linearity, repeatability and hysteresis)

Loop supply effect (\*) <0.2% on the full supply range

Protection degree IP66

Temperature drift (\*) <0.3% every 10°C

Response time <0.2 seconds

Output

4-20 mA (passive loop)

Operating angle 30° - 90°

Action

Direct or reverse locally configurable by a simple switch

Supply range

12 to 32 Vdc, reverse polarity protected

Zero and span adjustment Locally adjustable with screw driver

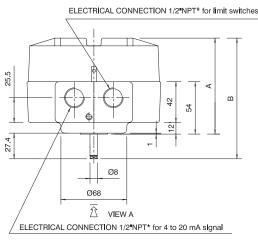
Weight

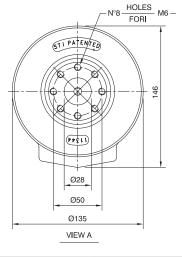
TR aluminium = 1.6 kg TR + LS aluminium = 2.2 kg TR stainless steel 316 = 5 kg

ZHazardous area certification: ATEX EExd II 2 G EEx d II C T6.

CE and EMC certifications.

#### Dimensional drawing







Position transmitter without limit switches (stainless steel 316).

VDI/VDE	
Ø8 Ø8	20 88 028

	POSITION TRANSMITTER ONLY 2030 SERIES		POSITION TRANSMITTER AND/OR LIMIT SWITCHES 2030 or 2130 SERIES	
	STD SHAFT	VDI/VDE 3845 EXECUTION	STD SHAFT	VDI/VDE 3845 EXECUTION
Α	99	99	150	150
В	125.4	131	176.4	182

\*: M20x1.5 execution is also available

#### Benefits

Contactless sensor.

Easily configurable for 30-90° angles.

Direct or reverse action.

Explosion proof version.

Position transmitter / Position transmitter + Limit switch version available.

Available with integrated limit switches.

### **Process Automation**

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