

Магнитни сензори - аналогово измерване на позиция

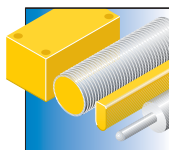


The universal magnetic field sensors for pneumatic cylinders are now also available with analog current and voltage output. The new analog sensor WIM45-UNTL by TURCK provides obvious advantages, especially in situations where additional flexibility and monitoring properties are required.

Features

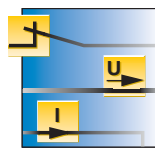
- Compact design
- Quickly and firmly mounted
- Inserted in the groove from the top
- Hardly affected by external magnetic fields
- Status of magnetic field displayed via 2 LEDs
- Measured value memory

Properties



Design

One type for all standard pneumatic cylinders



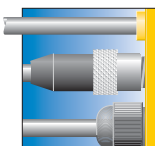
Electrical versions

Analog outputs
4... 20 mA, 0...10 VDC,
3-wire DC switching
output



Measuring ranges

Analog position detection up to 45 mm on all standard pneumatic cylinders



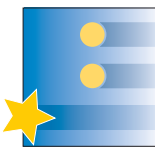
Electrical connections

Standard connection with cable and M8/M12 connector



Materials

Rugged PA housing for a wide range of applications



Special features

Also available with combined analog and switching output in one device.

UNTL – Токов и напреженов изход



General data		Protection class	IP67
Dimensions	5 x 14,5 x 73 mm	Material housing	PA
Analog output	4...20 mA, 0...10 V	Material active face	PA
Operating voltage	15...30 VDC		
Ambient temperature	-25...+70 °C		

Types and data – selection table

Type	Electrical connection	w	d
WIM45-UNTL-LIU5X2-0,3-PSG4M	cable with connector, M8 x 1	w051	d375
WIM45-UNTL-LIU5X2-0,3-RS4	cable with connector, M12 x 1	w051	d376

UNTL – Двоен комплект



Type	WIM45-UNTL-0,3-BIM-UNT-LUAP6X 4-H1141	Ambient temperature	-25...+70 °C
Output	—, PNP/analog output	Protection class	IP67
Analog output	0...10 V	Material housing	PA12-GF30 / PP
Electrical connection	connector, M12 x 1	Material cable	PUR 0.3 m
Operating voltage	15...30 VDC	Wiring diagram	w067
Switching frequency	1 kHz	Dimension drawing	d377