

Speedometer TA327401



- Tachometer in 32 x 74 mm format
- Universal AC and DC power supply
- Input frequency up to 100 kHz
- 2-line LED display
- Simple programming via keypad or software
- Two switching outputs

<https://www.wachendorff-prozesstechnik.de/en/TA327401>

Description

The compact small tachometer TA327401 is the ideal solution for monitoring speeds. Almost all commercially available pulse sensors can be connected via three function inputs (NPN/PNP/TTL). In addition to the free setting of the time base and number of pulses per revolution, the filter function and the minimum and maximum value display ensure optimum adaptation to the application requirements. A function input can also be connected via a potentiometer to specify the setpoint. In addition to an excellent price/performance ratio and high quality, the tachometer impresses with its robust, compact housing and brilliant display.

Product details

Display:	2-line LED display Upper line: Actual value, 4-digit, green with 10.2 mm digits Lower line: setpoint, 4 digits, red with 7.6 mm digits
Indicators:	Two red indicators for relay output status and one yellow indicator for serial communication. 1, 2 ON when output is active. R ON for serial communication The display of the maximum or minimum value is indicated by a short short text in the 1st line.
Keyboard:	4 buttons for programming and setting the setpoint.
Inputs:	Three digital inputs adjustable as PNP, NPN or TTL. Programmable switching thresholds for activation as high active/low active/ rising edge or level-controlled. See also table under Drawings Input signal/logic level
Input frequency:	maximum 100 kHz.
Relay output:	1 changeover relay with 5 A @ 250 VAC and 1 NO contact with 5 A @ 250 VAC.
Sensor supply:	24 VDC 30 mA with 24 VAC supply 40 mA with 24 VDC supply 60 mA with 110 to 230 VAC supply.
Power supply:	24 VAC/DC to 230 VAC/DC +/-15%, 50/60 Hz; 2W.
Data protection:	Password-protected access to setpoint, alarm values and parameters.

Programming:	Programming and operation is menu-guided via the front buttons. With the programming module, the controller can also be programmed using Windows™ software. This software is compatible with Windows 7 and Windows 10. The memory card has an internal battery. This makes it possible to program the devices without connecting the power supply (up to 1,000 programs with one battery).
Protection class:	Water jet-proof and dust-tight to IP65 from the front (with seal), rear protection class IP20.
Dimensions:	W 77 mm x H 35 mm x D 53 mm. Panel cut-out: 8.5 mm x 70.5 mm. Fastening via mounting frame with plastic clamping bracket. Recommended thickness of the switch panel 2 mm to 8 mm.
Ambient conditions:	Operating temperature: 0 °C to +45 °C; Relative humidity: 35% to 95% rH, non-condensing.
Weight:	approx. 100 grams.
Scope of delivery:	Device, mounting material, seal, operating instructions
Certificates:	UL, CE, RoHS
Customs tariff number:	9026 80 20
Manufacturer:	Wachendorff Prozesstechnik GmbH & Co. KG

Products Order no.

TA327401	Tachometer, 32 x 74, 24 to 230 VAC/ VDC
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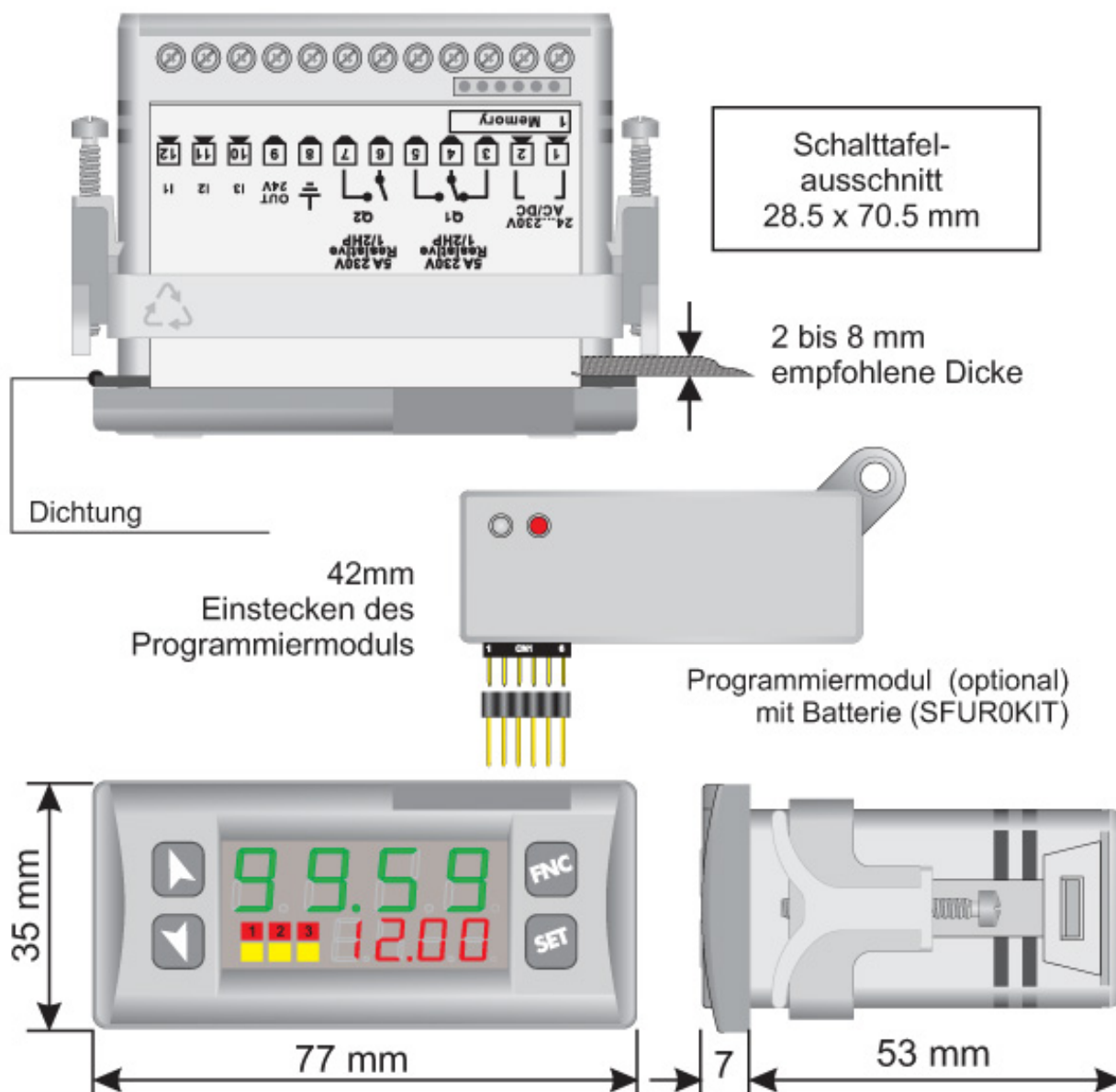
Accessories Order no.

SFUR0KIT	Programming module for Wachendorff PID universal controllers and digital displays of the TA, TH, TI, UA, UR, VZ and ZD series
URDR3274	DIN rail adapter for devices in the UR3274 series

URAD4832	Installation adapter 48 x 96 mm to 32 x 74 mm
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Drawings

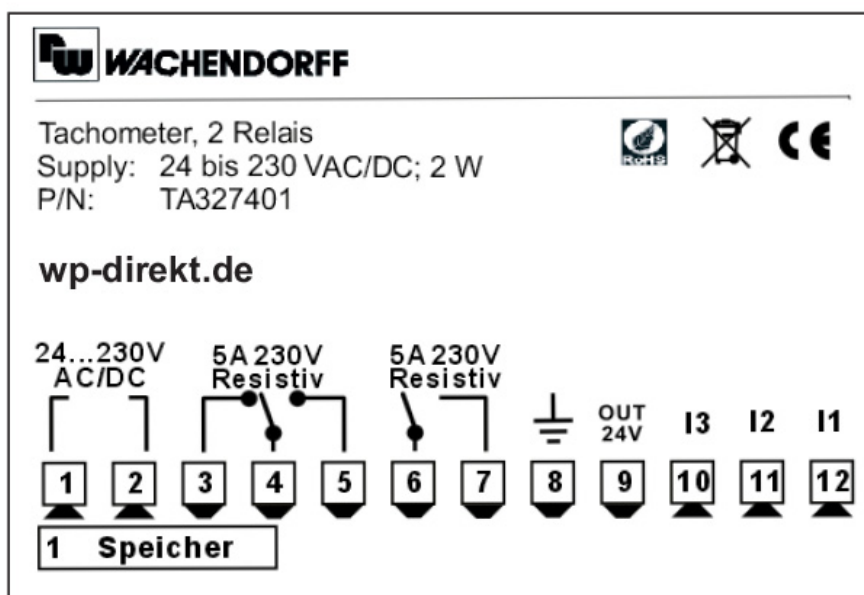
Dimensions and STEP file



Drawings

Connections:

Anschlüsse:



TA327401

Drawings

Input signal/logic level

Eingangssignal Logik Level	NPN	PNP	TTL
High	< 4,7 V	>5,7 V (I1, I2) >12,4 V (I3)	>2,5 V
Low	> 5,7 V	< 4,7 V (I1, I2) < 10,2 V (I3)	< 2,0 V

Eingang I3 kann auch zum Anschluss eines Potentiometers (0 bis 5/10 kOhm) zur Vorgabe des Sollwertes verwendet werden (Auflösung: 1.000 Schritte).

Alternativ dazu programmierbar als Steuereingang (Einfrieren und Toreingang).



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