

	<h1>TARAsim</h1> <h1>SIM4.0...-M12</h1> <h1>analog</h1>
<p>Application</p>	<p>Check of the analog input for amperometric sensors of controllers</p>
<p>Output signals</p>	<p>Adjustable:</p> <ul style="list-style-type: none"> • 0 • 5 % of the nominal measuring range of a sensor • 50 % of the nominal measuring range of a sensor
<p>Accuracy</p>	<p>±2 %</p>
<p>Signal transmission</p>	<p>Analog mV or mA</p>
<p>Storage</p>	<p>in original packing no limit at +5 ... +40 °C</p>
	<p>EMC tested RoHS compliant</p>
<p>A potential-free electrical connection is necessary as the sensor electronic is not equipped with a galvanical isolation.</p>	

Technical Data


1. TARAsim SIM4.0 (analog output, analog internal signal processing)

	Switch settings / output signals in mV	Signal transmission Output resistance	power supply	Connection
SIM4.0-n-M12	<ul style="list-style-type: none"> • 0 (middle) • -100 (left) • -1000 (right) 	Analog 1 kΩ	±5 - ±15 VDC 10 mA	5-pole M12 plug-on flange Function of wires: PIN1: measuring signal PIN2: +U PIN3: -U PIN4: signal GND PIN5: n. c.
SIM4.0-p-M12	<ul style="list-style-type: none"> • 0 (middle) • +100 (left) • +1000 (right) 		10 – 30 VDC 10 mA	5-pole M12 plug-on flange Function of wires: PIN1: measuring signal PIN2: +U PIN3: power GND PIN4: signal GND PIN5: n. c.

(Subject to technical changes.)


2. TARAsim SIM4.0 (4-20 mA)

2.1 Electrical connection: 2 pole terminal clamp

	Switch settings / output signals in mA	Signal transmission Output resistance	power supply	Connection
SIM4.0-MA	<ul style="list-style-type: none"> • 4 • 4.8 • 12 	Analog 4...20 mA	12...30 VDC <small>R_L 50Ω...R_L 900Ω</small>	2-pole terminal (2 x 1 mm ²) Recommended: Round cable Ø 4 mm 2 x 0.34 mm ²

(Subject to technical changes.)

2.2 Electrical connection: 5 pole M12 plug-on flange

	Switch settings / output signals in mA	Signal transmission Output resistance	power supply	Connection
SIM4.0-MA-M12	<ul style="list-style-type: none"> • 4 • 4.8 • 12 	Analog 4...20 mA	12...30 VDC <small>R_L 50Ω...R_L 900Ω</small>	5-pole M12 plug-on flange Function of wires: PIN1: n. c. PIN2: +U PIN3: -U PIN4: n. c. PIN5: n. c.

(Subject to technical changes.)