

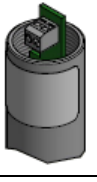
	<h1>TARAsim SIM4.0 analog</h1>
Application	Check of the analog input for amperometric sensors of controllers
Output signals	Adjustable: <ul style="list-style-type: none"> • 0 • 5 % of the nominal measuring range of a sensor • 50 % of the nominal measuring range of a sensor
Accuracy	±2 %
Signal transmission	Analog mV or mA
Storage	in original packing no limit at +5 ... +40 °C
	EMC-Testing DIN EN 61326-1, 61326-2-3 RoHS compliant
<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)
 analog-out / analog

	Switch settings / output signals	Signal transmission Output resistance	power supply	Connection
	in mV			
SIM4.0-n	<ul style="list-style-type: none"> • 0 (middle) • -100 (left) • -1000 (right) 	Analog	±5 - ±15 VDC 10 mA	4-pole screw connector
SIM4.0-p	<ul style="list-style-type: none"> • 0 (middle) • +100 (left) • +1000 (right) 	1 kΩ	10 – 30 VDC 10 mA	


(Subject to technical changes.)

2.1 Electrical connection: 2 pole terminal clamp

	Switch settings / output signals	Signal transmission Output resistance	power supply	Connection
	in mA			
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

(Subject to technical changes.)

2.2 Electrical connection: 5 pole M12 plug-on flange

	Switch settings / output signals	Signal transmission Output resistance	power supply	Connection
	in mA			
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: PIN2: +U PIN3: -U

(Subject to technical changes.)