

R.STAHL offers a customer specific factory set-up for the ISpac isolators series 9282.

Article number for configured devices: **299646**

Please select first the type that you require:

type	terminals
<input type="checkbox"/> 9282 / 12 - 51 - 16s	screw terminal
<input type="checkbox"/> 9282 / 12 - 51 - 16k	push-in terminal

There are two alternative ways to transmit the desired configuration:

1.) Offline configuration by means of the configuration software "ISpac Config"

Please download the configuration software "ISpac Config" using the following link:

https://r-stahl.com/fileadmin/tx_aimeos/Files/99/23/Asset_1619923/Konfigurationssoftware_fuer_9282.zip

Install the software on your PC and select your desired configuration in offline mode. Save the configuration with the name in the following format: "quotation number_" "position in quotation_" "name of your company" and please pass this file (*.acc) and the selection of the type to your contact person at R. STAHL or the representative.

2.) Fill in the form

Please fill in the following form and pass it along with your order to your R. STAHL representative.

Please read the operating instructions and data sheet before you start to fill in this form. Please tick only one selection per parameter.

Device identification			
Signal tag	Max. 16 characters		
User text	Max. 20 characters		
Functional safety		<input type="checkbox"/> SIL ON <input type="checkbox"/> SIL OFF	
Restart after fail- safe	precondition: set-up SIL ON	<input type="checkbox"/>	
Configuration Analog Input			
Mode		<input type="checkbox"/> TC + CJ <input type="checkbox"/> TC + CJ extern <input type="checkbox"/> mV	
Temperature unit	precondition: mode „TC + CJ“ or „TC + CJ extern“	<input type="checkbox"/> °C <input type="checkbox"/> °F	
	precondition: mode „mV“	<input type="checkbox"/> +- 1000 mV <input type="checkbox"/> +- 500 mV <input type="checkbox"/> +- 250 mV <input type="checkbox"/> +- 125 mV <input type="checkbox"/> +- 60 mV <input type="checkbox"/> +- 30 mV <input type="checkbox"/> +- 15 mV	
Analog input 1		<input type="checkbox"/> TC J IEC 584 <input type="checkbox"/> TC K IEC 584 <input type="checkbox"/> TC E IEC 584 <input type="checkbox"/> TC R IEC 584 <input type="checkbox"/> TC S IEC 584 <input type="checkbox"/> TC T IEC 584 <input type="checkbox"/> TC B IEC 584 <input type="checkbox"/> TC N IEC 584 <input type="checkbox"/> TC C ASTM <input type="checkbox"/> TC D ASTM <input type="checkbox"/> TC U DIN 43710 <input type="checkbox"/> TC L DIN 43710 <input type="checkbox"/> TC L GOST 8.585 <input type="checkbox"/> TC A2 GOST 8.585 <input type="checkbox"/> TC A1 GOST 8.585 / IEC 584 <input type="checkbox"/> TC M GOST 8.585 <input type="checkbox"/> TC A3 GOST 8.585	
Cold junction	precondition: mode TC + CJ or TC + CJ external	<input type="checkbox"/> ON <input type="checkbox"/> OFF	
Temperature cold junction	precondition: „cold junction OFF“ value range: - 20 ... 65 °C / -4 ... 149 °F		
Correction cold junction	precondition: cold junction ON value range: 0 ... 50 Ohm		
Sensor	precondition: mode TC + CJ External	<input type="checkbox"/> Pt IEC 751 <input type="checkbox"/> Pt SAMA <input type="checkbox"/> Pt JIS <input type="checkbox"/> Pt Gost 6651 <input type="checkbox"/> Ni DIN 43760	<input type="checkbox"/> Pt SAMA <input type="checkbox"/> Ni DIN 43760 <input type="checkbox"/> Cu 53 Gost 6651 <input type="checkbox"/> KTY 81_110 <input type="checkbox"/> Ni SAMA
		<input type="checkbox"/> Pt JIS <input type="checkbox"/> Ni SAMA <input type="checkbox"/> CU 10 SAMA <input type="checkbox"/> KTY 84_130	
RTD base resistance	precondition: mode TC + CJ External range 10...10.000 Ohm		

Signal range analog input 1		
Lower limit temperature range	precondition: selection „TC...“ value range in dependence on sensor – see below	
Upper limit temperature range	precondition: selection „TC...“ value range in dependence on sensor – see below	
Value range lower limit	precondition: mode mV value range: +- 1000 mV: -1000 ... 1000 mV +- 500 mV: -500 ... 500 mV +- 250 mV: -250 ... 250 mV +- 125 mV: -125 ... 125 mV +- 60 mV: -60 ... 60 mV +- 30 mV: -30 ... 30 mV +- 15 mV: -15 ... 15 mV Minimum span: 50 mV	
Value range upper limit		
Filter factor	Default: 1 range 1...10	
Analog output		
Signal range analog output	precondition: selection „SIL ON“	Fix 4...20 mA
	precondition: selection „SIL OFF“ lower limit upper limit Minimum span: 4 mA	<input type="checkbox"/> 0 mA <input type="checkbox"/> 2 mA <input type="checkbox"/> 4 mA <input type="checkbox"/> 10 mA <input type="checkbox"/> 20 mA <input type="checkbox"/> 20 mA <input type="checkbox"/> 10 mA <input type="checkbox"/> 4 mA <input type="checkbox"/> 2 mA <input type="checkbox"/> 0 mA
Fault signaling		<input type="checkbox"/> According NE 43 upscale (fault value always 3,5 mA) <input type="checkbox"/> According NE 43 downscale (fault value always 21,5 mA) <input type="checkbox"/> Free definable
Overrange	„SIL OFF“: 0...22 mA „SIL ON“: 0...3,6 or 20...21 mA	
Underrange	„SIL OFF“: 0...22 mA „SIL ON“: 0...3,6 or 20...21 mA	
Line break	„SIL OFF“: 0...22 mA „SIL ON“: 0...3,6 or 20...21 mA	
Short circuit	„SIL OFF“: 0...22 mA „SIL ON“: 0...3,6 or 20...21 mA	
Check Load/Line break	Upon selection „SIL ON“ fix on „ON“	<input type="checkbox"/> ON <input type="checkbox"/> OFF

Overview value range of TC sensors

Sensor type	Value range °C	Value range °F
TC J IEC 584	-210 .. 1200	-346 ... 2192
TC K IEC 584	-250 ... 1372	-418 ... 2501,6
TC E IEC 584	-230 ... 1000	-382 ... 1832
TC R IEC 584	-50 ... 1768	-58 ... 3214,4
TC S IEC 584	-50 ... 1768	-58 ... 3214,4
TC T IEC 584	-200 ... 400	-328 ... 752
TC B IEC 584	500 ... 1820	932 ... 3308
TC N IEC 584	-200 ... 1300	-328 ... 2372
TC C ASTM	0 ... 2315	32 ... 4199
TC D ASTM	0 ... 2315	32 ... 4199
TC U DIN 43710	-200 ... 600	-328 ... 1112
TC L DIN 43710	-200 ... 900	-328 ... 1652
TC L GOST 8.585	-200 ... 800	-328 ... 1472
TC A1 GOST 8.585 / IEC 584	0 ... 2500	32 ... 4352
TC A2 GOST 8.585	0 ... 1800	32 ... 3272
TC A3 GOST 8.585	0 ... 1800	32 ... 3272
TC M GOST 8.585	-200 ... 100	-328 ... 212