R.STAHL offers a customer specific factory set-up for the ISpac isolator.

This form can be downloaded from the internet applying the webcode „9182A“.You may find the document under: “Downloads – data sheets“. Please edit the form directly on your PC and pass it along with your order to your R. STAHL representative.

# AB-no.:       - Pos.:       Volume:

**type channels output limit value / set point functional safety**

9182 / 10 - 51 - 11. 1 0/4...20 mA without

9182 / 10 - 51 - 13. 1 0/4...20 mA without SIL 2

9182 / 10 - 51 - 12. 1 0/4...20 mA 2 NO

9182 / 10 - 51 - 14. 1 0/4...20 mA 2 NO SIL 2

9182 / 20 - 51 - 11. 2 0/4...20 mA without

9182 / 20 - 50 - 12. 2 without 2 NO per channel

**Non-Ex i / Non I.S.:**

9182 / 10 - 51 - 64. 1 0/4...20 mA 2 NO SIL 2

**Equipped with:** Screw terminals s Spring terminals k

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | factory default: | channel 1 | | | channel 2 |
| Signal-TAG | serial number |  | | |  |
| **Ex i Input** | | | | | |
| RTD |  | |  | | |
| sensor type | PT 100 | | PT 100  PT 250  PT 500  PT 1000  PT 2000  NI 100  NI 500  NI 1000  PT 100 GOST,  M50 GOST,  M100 GOST,  CU53 GOST | PT 100  PT 250  PT 500  PT 1000  PT 2000  NI 100  NI 500  NI 1000  PT 100 GOST,  M50 GOST,  M100 GOST,  CU53 GOST | |
| connection type | 3-wire | | 2-wire  3-wire  4-wire | 2-wire  3-wire  4-wire | |
| measurement range | 0 °C ... 400 °C | | from  till  °C  °F  K  Ω | from  till  °C  °F  K  Ω | |
| Thermo couple |  | |  | | |
| sensor type |  | | type B  type E  type J  type K  type N  type R  type S  type T  typ L  type U  type XK | type B  type E  type J  type K  type N  type R  type S  type T  typ L  type U  type XK | |
| CJC type |  | | external PT 100  fixed Temp. | external PT 100  fixed Temp. | |
| measurement range |  | | from  till    °C  °F  K  mV | from  till    °C  °F  K  mV | |
| Resistance transmitter / potentiometer | | |  | | |
| sensor type |  | | 50 … 500 Ω  0,5 … 5 kΩ  1 … 10 kΩ   10 … 100 kΩ (+ Shunt) | 50 … 500 Ω  0,5 … 5 kΩ  1 … 10 kΩ   10 … 100 kΩ (+ Shunt) | |
| measurement range |  | | from  % till  % | from  % till  % | |
| **Output** **(only 9182/\*0-51-1\*)** | | | |  | |
| signal | 4 mA ... 20 mA | 0 mA ... 20 mA  4 mA ... 20 mA | | 0 mA ... 20 mA  4 mA ... 20 mA | |
| fault behaviour | output fault value : 2,4 mA | Output fault value:  Hold last value  fault detection off | | Output fault value:  Hold last value  fault detection off | |
| **Limit value A (9182/\*0-5\*-12. and 9182 / 10 - 51 - \*4.)** | | | | | |
| Behaviour contact | inactive | inactive  closed if value > limit value \*)  closed if value < limit value \*)  open, if value > limit value  open, if value < limit value | | inactive  closed if value > limit value \*)  closed if value < limit value \*)  open, if value > limit value  open, if value < limit value | |
| Limit value | 25 % | % (0…100 %,  take hysteresis into account) | | % (0…100 %,  take hysteresis into account) | |
| Hysteresis | 1 % | % (0,1 % ... 10 %) | | % (0,1 % ... 10 %) | |
| Reset lockout | deactivated | activated  deactivated  active-pwrrst | | activated  deactivated  active-pwrrst | |
| **Limit value B (9182/\*0-5\*-12. and 9182 / 10 - 51 - \*4.)** | | | | | |
| Behaviour contact | inactive | inactive  closed if value > limit value \*)  closed if value < limit value \*)  open, if value > limit value  open, if value < limit value | | inactive  closed if value > limit value \*)  closed if value < limit value \*)  open, if value > limit value  open, if value < limit value | |
| Limit value | 25 % | % (0…100 %,  take hysteresis into account) | | % (0…100 %,  take hysteresis into account) | |
| Hysteresis | 1 % | % (0,1 % ... 10 %) | | % (0,1 % ... 10 %) | |
| Reset lockout | deactivated | activated  deactivated  active-pwrrst | | activated  deactivated  active-pwrrst | |

\*) Not available for 9182/10 - 51 - 14.