

- Universal use for transmitters and mA sources (4-wire transmitter)
- Slim design – 12.5 mm wide – for one- and two-channel versions
- Can be used for safety levels up to SIL 2 (IEC/EN 61508)

07 b

## MY R. STAHL 9260A



Series 9260 Ex i transmitter supply units can be used for the intrinsically safe operation of transmitters or intrinsically safe mA sources such as 4-wire transmitters. The device allows HART signals to be transmitted in both directions. The portfolio includes one- and two-channel devices and a variant for signal duplication.

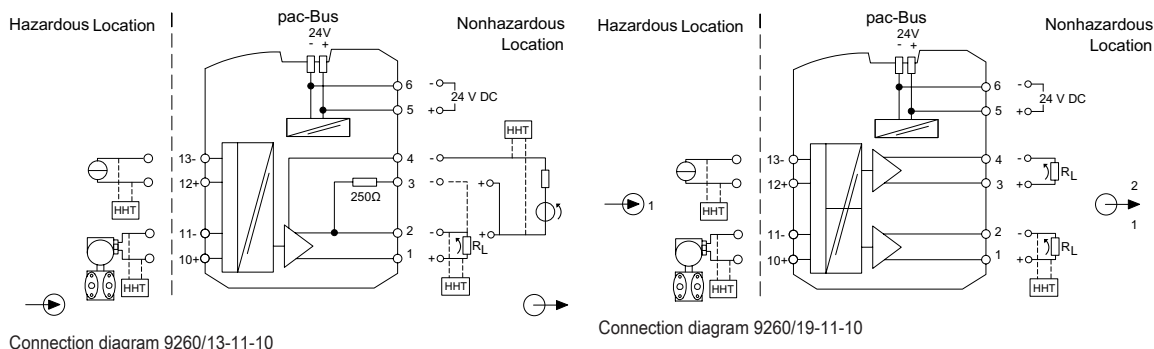
	NEC® 500 CE Code Appendix J						CE Code Section 18						IECEX / ATEX							
	Class I		Class II		Class III		NEC® 505 Class I			NEC® 506										
Division	1	2	1	2	1	2	Zone	0	1	2	20	21	22	Zone	0	1	2	20	21	22
Ex interface	•	•	•	•	•	•	Ex interface	•	•	•				Ex interface	•	•	•	•	•	•
Installation in		•					Installation in		•				Installation in		•					

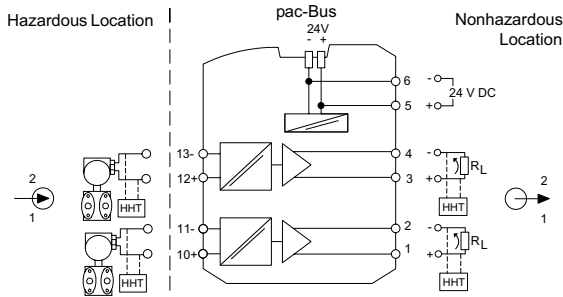
Selection Table							
Output version (control)		0/4 to 20 mA active/passive with HART					
Number of channels	Input signal	Output A	Output B	Connection type	Product Type	Art. No.	Weight
1	0/4 to 20 mA with HART	0/4 to 20 mA	–	Screw terminal	<b>9260/13-11-10s</b>	261384 ▲	185 g
		0/4 to 20 mA	–	Spring clamp terminal	<b>9260/13-11-10k</b>	261387	185 g
Output version (control)		0/4 to 20 mA active/with HART					
Number of channels	Input signal	Output A	Output B	Connection type	Product Type	Art. No.	Weight
1	0/4 to 20 mA with HART	0/4 to 20 mA	0/4 to 20 mA (without HART)	Screw terminal	<b>9260/19-11-10s</b>	261385 ▲	195 g
		0/4 to 20 mA	0/4 to 20 mA (without HART)	Spring clamp terminal	<b>9260/19-11-10k</b>	261388	195 g
2	4 to 20 mA with HART	4 to 20 mA	4 to 20 mA	Screw terminal	<b>9260/23-11-10s</b>	261386 ▲	195 g
		4 to 20 mA	4 to 20 mA	Spring clamp terminal	<b>9260/23-11-10k</b>	261389	195 g

Technical Data			
Variant	9260/13-11-10	9260/19-11-10	9260/23-11-10
Explosion Protection			
cULus certificate	E81680	E81680	E81680
Marking cULus	Class I, Div. 2, Groups A,B,C,D; Class I, Zone 2, AEx/Ex nA Group IIC AIS Class I,II,III, Div. 1, Groups A,B,C,D,E,F,G; Class I, Zone 0, [Ex ia] IIC T4 any mounting pos. Ta = 60°C See Doc. 9260 6 031 001 3	Class I, Div. 2, Groups A,B,C,D; Class I, Zone 2, AEx/Ex nA Group IIC AIS Class I,II,III, Div. 1, Groups A,B,C,D,E,F,G; Class I, Zone 0, [Ex ia] IIC T4 any mounting pos. Ta = 60°C See Doc. 9260 6 031 001 3	Class I, Div. 2, Groups A,B,C,D; Class I, Zone 2, AEx/Ex nA Group IIC AIS Class I,II,III, Div. 1, Groups A,B,C,D,E,F,G; Class I, Zone 0, [Ex ia] IIC T4 any mounting pos. Ta = 60°C See Doc. 9260 6 031 001 3
IECEX gas explosion protection	Ex nA [ia Ga] IIC T4 Gc	Ex nA [ia Ga] IIC T4 Gc	Ex nA [ia Ga] IIC T4 Gc



Technical Data			
Variant	9260/13-11-10	9260/19-11-10	9260/23-11-10
<b>Explosion Protection</b>			
IECEX dust explosion protection	[Ex ia Da] IIIC	[Ex ia Da] IIIC	[Ex ia Da] IIIC
IECEX firedamp protection	[Ex ia Ma] I		
Certificates	ATEX (BVS), Canada (UL), China (CQM), IECEX (BVS), India (PESO), Korea (KTL), SIL (BVS), USA (UL)	ATEX (BVS), Canada (UL), China (CQM), IECEX (BVS), India (PESO), Korea (KTL), SIL (BVS), USA (UL)	ATEX (BVS), Canada (UL), China (CQM), IECEX (BVS), India (PESO), Korea (KTL), SIL (BVS), USA (UL)
Ship approval	DNV	DNV	DNV
<b>Safety Data</b>			
Max. voltage $U_i/V_{oc}$	25.2 V	25.2 V	25.2 V
Max. current $I_i/I_{sc}$	93 mA	93 mA	93 mA
Max. power $P_o$	587 mW	587 mW	587 mW
Safety-related max. voltage	253 V AC	253 V AC	253 V AC
<b>Functional Safety</b>			
SIL	2	2	3
<b>Electrical Data</b>			
LFD relay	No	No	No
<b>Input</b>			
Input function	Isolation amplifier Transmitter power unit	Isolation amplifier Transmitter power unit	Transmitter power unit
Input signal	0/4 to 20 mA with HART	0/4 to 20 mA with HART	4 to 20 mA with HART
Supply voltage for transmitter	$\geq 16$ V at 20 mA	$\geq 16$ V at 20 mA	$\geq 16$ V at 20 mA
<b>Output</b>			
Deviation	$\leq 0,1$ %	$\leq 0,1$ %	$\leq 0,1$ %
Temperature influence error limits	$< 0.1\%$ / 10 K	$< 0.1\%$ / 10 K	$< 0.1\%$ / 10 K
<b>Ambient Conditions</b>			
Ambient temperature °F	-4 °F ... +140 °F	-4 °F ... +140 °F	-4 °F ... +140 °F
Ambient temperature °C	-20 °C ... +60 °C	-20 °C ... +60 °C	-20 °C ... +60 °C
Storage temperature °F	-40 °F ... +176 °F	-40 °F ... +176 °F	-40 °F ... +176 °F
Storage temperature °C	-40 °C ... +80 °C	-40 °C ... +80 °C	-40 °C ... +80 °C
<b>Mounting / Installation</b>			
Mounting type	DIN rail NS35/15, NS35/7.5	DIN rail NS35/15, NS35/7.5	DIN rail NS35/15, NS35/7.5

**Technical Drawings – Subject to Alterations**

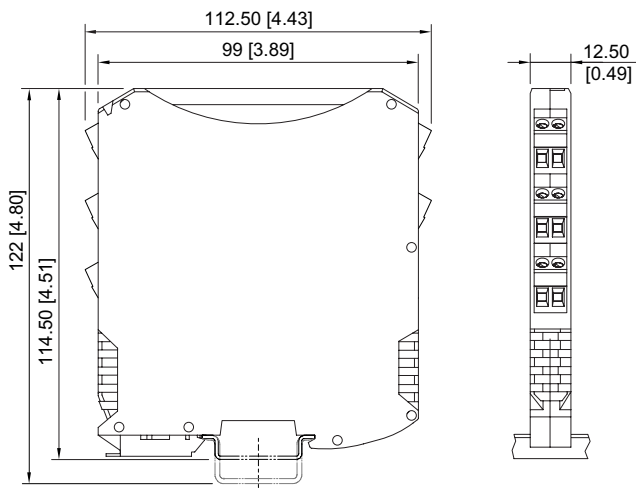




Connection diagram 9260/23-11-10

Accessories				
Figure	Description	Product Type	Art. No.	Weight
<b>Supply module</b>				
	Redundant supply of 24 V DC auxiliary power (with fuse) and reading out the collective error message from Series 92xx ISpac modules which support this function. Screw terminal connection	9193/21-11-11s	268183	135 g
	Redundant supply of 24 V DC auxiliary power (with fuse) and reading out the collective error message from Series 92xx ISpac modules which support this function. Spring clamp terminal connection	9193/21-11-11k	268184	135 g
<b>pac-Bus</b>				
	Wiring auxiliary power and collective error message	9294/31-12	262928 ▲	6 g

**Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations**



ISpac Series 9260, 9265, 9270, 9275, 9276, 9282 with screw terminal