



- 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

WebCode **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 CEC Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Ex interface	•	•	•	•	•	•
Installation in		•				

	CEC Section 18					
	NEC® 505			NEC® 506		
	Class I					
Zone	0	1	2	20	21	22
Ex interface	•	•	•			
Installation in			•			

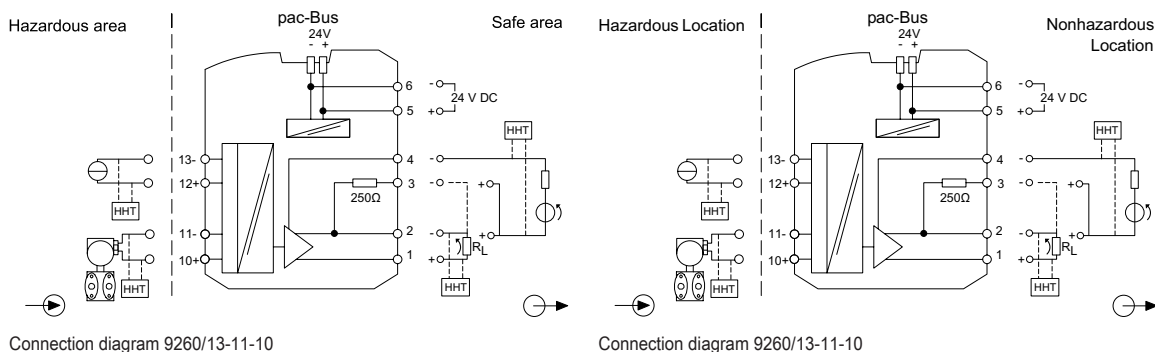
	IECEx / ATEX					
	Zone 0		Zone 1		Zone 2	
Zone	0	1	2	20	21	22
Ex interface	•	•	•	•	•	•
Installation in			•			

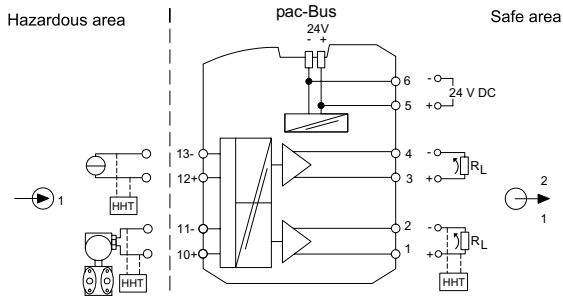
Selection Table						
Output version (control)	0/4 ... 20 mA active / passive with HART					
Number of channels	Input signal	Output A	Output B	Product Type	Art. No.	Weight lb
1	0/4 ... 20 mA with HART	0/4 ... 20 mA	–	9260/13-11-10s	261384 ▲	0.41
Output version (control)	0/4 ... 20 mA active / with HART					
Number of channels	Input signal	Output A	Output B	Product Type	Art. No.	Weight lb
1	0/4 ... 20 mA with HART	0/4 ... 20 mA	0/4 ... 20 mA (without HART)	9260/19-11-10s	261385 ▲	0.43
2	4 ... 20 mA with HART	4 ... 20 mA	4 ... 20 mA	9260/23-11-10s	261386 ▲	0.43

Technical Data			
Variant	9260/13-11-10s	9260/19-11-10s	9260/23-11-10s
Explosion Protection			
Certificate cULus	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
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 / USA (UL), IECEx (BVS), SIL (BVS)	ATEX (BVS), Canada / USA (UL), IECEx (BVS), SIL (BVS)	ATEX (BVS), Canada / USA (UL), IECEx (BVS), SIL (BVS)

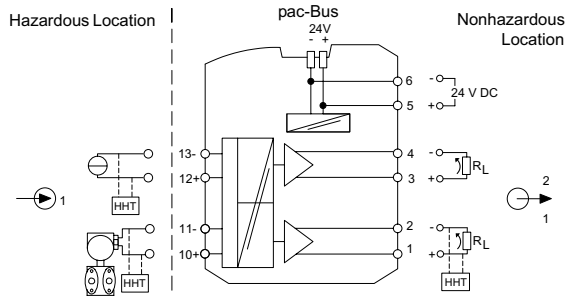
Technical Data			
Variant	9260/13-11-10s	9260/19-11-10s	9260/23-11-10s
Explosion Protection			
Ship approval	DNV GL	DNV GL	DNV GL
Safety Data			
Max. voltage $U_d/V_{oc}$	25.2 V	25.2 V	25.2 V
Max. current $I_d/I_{sc}$	93 mA	93 mA	93 mA
Max. power $P_o$	587 mW	587 mW	587 mW
Safety-related maximum voltage	253 V AC	253 V AC	253 V AC
Functional Safety			
SIL	2	2	2
Electrical Data			
LFD relay	No	No	No
Input			
Input function	Isolation amplifier Transmitter power unit	Isolation amplifier Transmitter power unit	Transmitter power unit
Input signal	0/4 ... 20 mA with HART	0/4 ... 20 mA with HART	4 ... 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
Output			
Load resistance $R_L$ max.	1000 $\Omega$	450 $\Omega$	450 $\Omega$
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
Ambient Conditions			
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
Mounting / Installation			
Mounting type	NS35/15, NS35/7.5 DIN rail	NS35/15, NS35/7.5 DIN rail	NS35/15, NS35/7.5 DIN rail

### Technical Drawings – Subject to Alterations

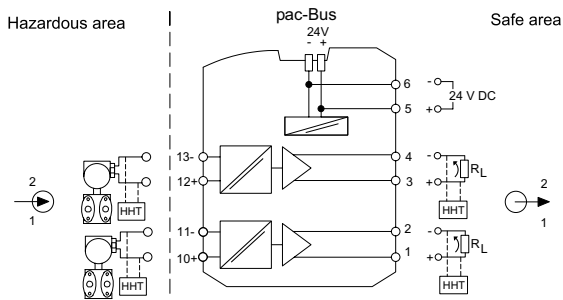




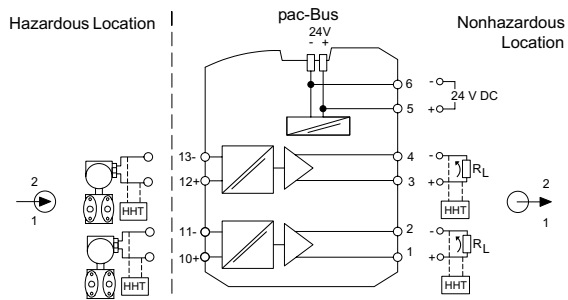
Connection diagram 9260/19-11-10





Connection diagram 9260/19-11-10



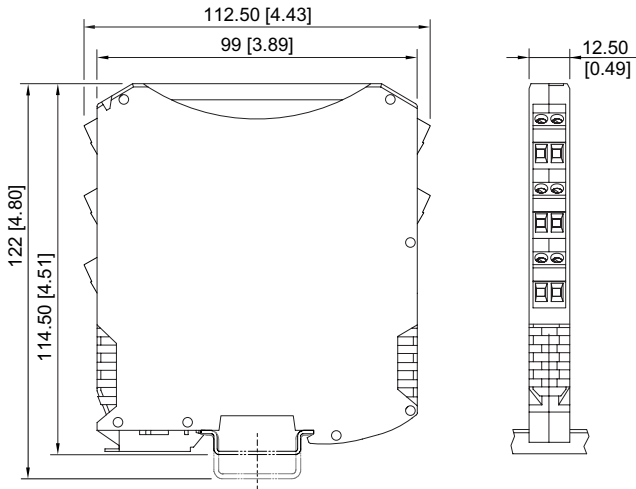
Connection diagram 9260/23-11-10



Connection diagram 9260/23-11-10

Accessories				
Figure	Description	Product Type	Art. No.	Weight lb
<b>Supply modul</b>				
	Redundant supply of 24 V DC auxiliary power (with fuse) and reading the collective error message for 9193/21-11-11s 92xx series ISpac modules which support this function. Connection screw terminal		268183	0.3
	Redundant supply of 24 V DC auxiliary power (with fuse) and reading the collective error message for 9193/21-11-11k 92xx series ISpac modules which support this function. Connection spring clamp terminal		268184	0.3
<b>pac-Bus</b>				
	Wiring for power supply and common error messaging	9294/31-12	262928 ▲	0.01

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



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