

- A comprehensive portfolio for a wide range of solenoid valves
- Space savings due to a slim design – 12.5 mm wide
- Can be used for functional safety levels up to SIL 3 (IEC/EN 61508)

A3

WebCode 9276A



Series 9276 digital outputs issue signals for the intrinsically safe operation of Ex i solenoid valves, indicator lamps or horns. The devices do not require a separate auxiliary power supply as they are powered by the control circuit. The intrinsically safe outputs are galvanically separated from the inputs.

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

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

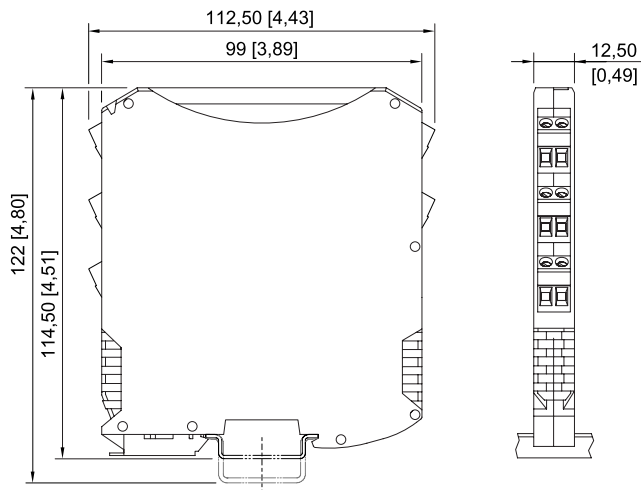
	NEC 500					
	Class I		Class II		Class III	
	1	2	1	2	1	2
Division						
Ex interface	•	•	•	•	•	•
Installation in		•		•		•

Selection Table								
Number of channels	1							
Max. voltage U_o	Max. current I_o (Ex ia)	Max. power P_o	Output internal resistance R_i	Max. output current $I_{o,max}$	Product Type	Art. No.	PS	Weight kg
25.1 V	39 mA	245 mW	641.1 Ω	25 mA	9276/10-21-25-00s	261440▲	21	0.165
	87 mA	550 mW	287 Ω	40 mA	9276/10-21-40-00s	261441▲	21	0.165
	188 mA	1180 mW	133.4 Ω	58 mA	9276/10-21-60-00s	261443▲	21	0.165
27.7 V	101 mA	697 mW	275.5 Ω	48 mA	9276/10-24-48-00s	261442▲	21	0.165

Technical Data		
Variant	9276/10-21-25-00s, 9276/10-21-40-00s, 9276/10-24-48-00s	9276/10-21-60-00s
Explosion Protection		
Gas explosion protection IECEx	Ex nA [ja Ga] IIC T4 Gc	Ex nA [ja IIB Ga] IIC T4 Gc
Gas explosion protection ATEX	⊕ II 3 (1) G Ex nA [ja Ga] IIC T4 Gc	⊕ II 3 (1) G Ex nA [ja IIB Ga] IIC T4 Gc
Dust explosion protection IECEx	[Ex ia Da] IIIC	[Ex ia Da] IIIC
Dust explosion protection ATEX	⊕ II (1) D [Ex ia Da] IIIC	⊕ II (1) D [Ex ia Da] IIIC
Safety Data		
Safety-related maximum voltage	253 V AC	253 V AC
Functional Safety		
SIL	3	3
Auxiliary Power		
Auxiliary power	Without	Without

Technical Data		
Variant	9276/10-21-25-00s, 9276/10-21-40-00s, 9276/10-24-48-00s	9276/10-21-60-00s
Input		
Input voltage for ON	15 – 30 V	15 – 30 V
Input voltage for OFF	0 – 5 V	0 – 5 V
Ambient Conditions		
Ambient temperature	-40 °C ... +60 °C	-40 °C ... +60 °C
Storage temperature	-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

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



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