

- 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)
- Offers line fault detection with signalization

A3

WebCode **9275A**



Series 9275 digital outputs issue signals for the intrinsically safe operation of Ex i solenoid valves, indicator lamps or horns. The devices feature three-way galvanic separation.

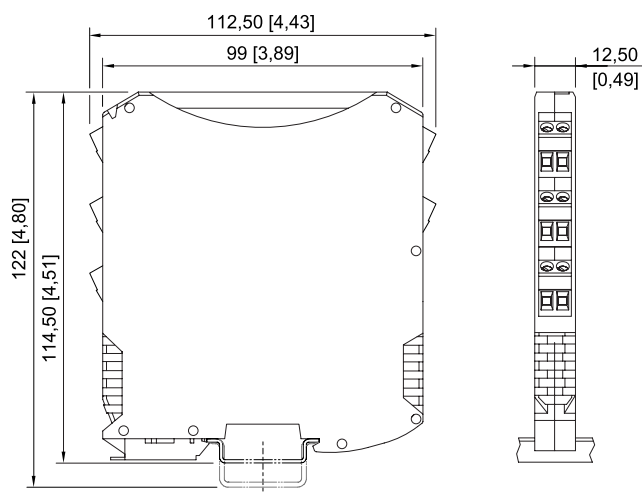
	ATEX / IECEx						NEC 505 Class I						NEC 506						NEC 500								
	0	1	2	20	21	22	0	1	2	20	21	22	0	1	2	20	21	22	Class I	Class II	Class III	1	2	1	2	1	2
Zone																											
Ex interface	•	•	•	•	•	•	•	•	•				•	•	•				•	•	•	•	•	•	•	•	•
Installation in			•			•		•				•			•			•		•			•		•		•

Selection Table							
Number of channels	1						
Out. for open-circuit volt. U <sub>a</sub>	Max. output current I <sub>a,max</sub>	Output internal resistance R <sub>i</sub>	LFD relay	Product Type	Art. No.	PS	Weight kg
21.1 V	25.1 mA	641 Ω	Yes	9275/10-21-25-11s	261434 ▲	21	0.160
24.3 V	48 mA	297 Ω	Yes	9275/10-24-48-11s	261435 ▲	21	0.160

Technical Data		
Variant	9275/10-21-25-11s	9275/10-24-48-11s
Explosion Protection		
Gas explosion protection IECEx	Ex nA [ja Ga] IIC T4 Gc	Ex nA [ja 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 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
Certificates	ATEX (IBE), Canada / USA (UL), IECEx (IBE), SIL (BVS)	ATEX (IBE), Canada / USA (UL), IECEx (IBE), SIL (BVS)
Safety Data		
Max. voltage U <sub>o</sub>	23.98 V	27.06 V
Max. current I <sub>o</sub> (Ex ia)	37.4 mA	91.11 mA
Max. power P <sub>o</sub>	224 mW	616 mW
Safety-related maximum voltage	253 V AC	253 V AC
Functional Safety		
SIL	3	3
Auxiliary Power		
Auxiliary power	24 V DC	24 V DC
Nominal current	50 mA	90 mA

Technical Data		
Variant	9275/10-21-25-11s	9275/10-24-48-11s
Auxiliary Power		
Power consumption	1.2 W	2.16 W
Aux. power max. power dissip.	0.8 W	1.62 W
Polarity reversal protection	Yes	Yes
Input		
Input voltage for ON	15 – 30 V	15 – 30 V
Input voltage for OFF	0 – 5 V	0 – 5 V
Output		
Switching capacity fault message contact	30 V / 50 mA	30 V / 50 mA
Ambient Conditions		
Ambient temperature	-20 °C ... +60 °C	-20 °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