



# Ex -Amplifier DC | Analog

Ex II (1) G [Ex ia Ga] IIC  
 Ex II (1) D [Ex ia Da] IIIC

DC 24 V

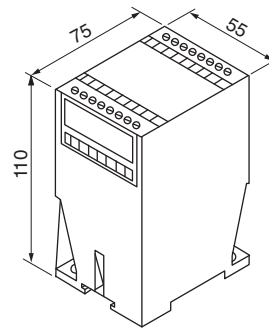
Analog output

Cable break and short circuit monitoring



## Design SZAb 400 EX-GA

### Dimensions



ID-No.	P11401	
Type	SZAb 400 EX-GA	
Output	 4...20 mA	
Supply voltage [V]	24 DC ±15%	
Ex marking	Gas: Ex II (1) G [Ex ia Ga] IIC	Staub: Ex II (1) D [Ex ia Da] IIIC
Certificate No.	EPS 19 ATEX 1 009	IECEx EPS 19.0001
Maximum values	U <sub>o</sub> = 13.65 V I <sub>o</sub> = 200 mA P <sub>o</sub> = 683 mW IIC: C <sub>o</sub> = 0.35 µF; L <sub>o</sub> = 1.1 mH IIB: C <sub>o</sub> = 1.8 µF; L <sub>o</sub> = 6.2 mH IIA: C <sub>o</sub> = 5.7 µF; L <sub>o</sub> = 11.0 mH	
Output	analog, non linear	
Current output [mA]	4...20	
Load R <sub>L</sub> [Ω]	0...500	
Ambient temperature [°C]	-20 ≤ T <sub>a</sub> ≤ +60	
Protection [EN 60529]	IP 20	
Connection	terminal screws	

Note:  
 The Ex-amplifier must be mounted outside hazardous areas (gas or dust).

