

# FLOW CONTROLLER



## Ex - Amplifier unit Zone 1

Series SSAE

Amplifier unit dust + gas Ex

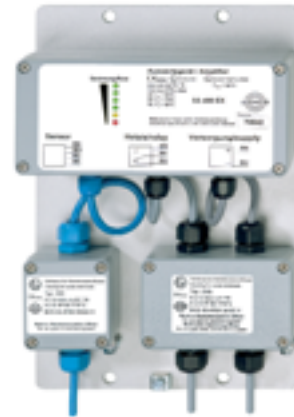
For flow controller in Zone 0/20

For air flow controller in Zone 0/20

Adjustment and display in Zone 1/21

Installation and wiring in Zone 1/21

Protective housing with inspection glass



Design	Amplifier unit SSAE	Protective housing GAM
Dimensions		
ID-No.	P11302	Z01184
Type	SSAE 400	GAM 2030
Ex marking dust	II 2D IP 65 T 92 °C	
gas	II (1) 2G EEx em [ia] IIC T6	
Certificate No.	TÜV 04 ATEX	
Components of amplifier unit		Protective housing overview
Amplifier	Typ SS 400 Ex-24	
Technical data	datasheet dust-ex	
Supply voltage [V]	24 DC	
Ex marking dust	II 2D IP 65 T 92 °C	
gas	II (1) 2G EEx em [ia] IIC T6	
Certificate No.	TÜV 04 ATEX 2554	
Connection box sensors	Typ GKI 60	
Technical data	datasheet dust-ex	
Ex marking dust	II 2D IP 65 T 75 °C	
gas	II 2G EEx ia IIC T6	
Certificate No.	BVS 05 ATEX E022 X	
Connection box current output	Typ GKE 100	
Technical data	datasheet dust-ex	
Ex marking dust	II 2D IP 65 T 75 °C	
gas	II 2G EEx e II T6	
Protection [EN 60529]	IP 65	IP 66
Housing material	aluminium	sheet steel case, lacquered
Cable diameter [mm]	4-8	4-8

Typ	ID-NO.	A	B	C	D
GAM 1530	Z01183	150	300	110	320
GAM 2030	Z01184	200	300	160	320
GAM 3030	Z01185	300	300	260	320
GAM 3040	Z01186	300	400	260	420

Note:

The components of the amplifier unit SSAE 400 are mounted on an aluminium plate ready for connection and can be installed without a protective housing within zone 1/21. The supply cables must be laid in increased safety. A suitable protective housing (GAM 2030 type) can included in the delivery as an accessory. The mounting plate is designed to fit precisely.