

# FLOW CONTROLLER



## Ex - Amplifiers

### Series SEA

Ex II (1) GD [EEx ia] IIC

DC 24 V

Relay output

Analog output

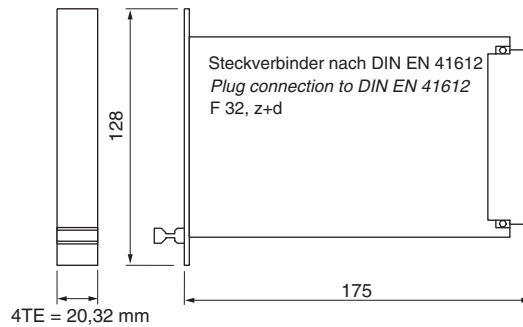
LED-Display

Time delay on/off programmable



Design	SEA 400 Ex-24	SEA 401 Ex-24	SEA 405 GA-Ex
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### Dimensions



ID-No.	P10705	P10709	P11253
Type	SEA 400 Ex-24	SEA 401 Ex-24	SEA 405 GA-Ex
Supply voltage [V]	24 DC $\pm 15\%$		24 DC $\pm 15\%$
Ex marking	II (1) GD [EEx ia] IIC		II (1) GD [EEx ia] IIC
Certificate No.	TÜV 97 ATEX 1182X		TÜV 01 ATEX 1678X
Maximum values	$U_o = 13.65 \text{ V}$ $I_o = 200 \text{ mA}$ $R_i = 68.5 \ \Omega$ $P_o = 0.69 \text{ W}$		$U_o = 13.65 \text{ V}$ $I_o = 200 \text{ mA}$ $R_i = 68.5 \ \Omega$ $P_o = 0.69 \text{ W}$
external capacitance	150 nF		150 nF
external inductance	0.87 mH		0.87 mH
Output 1 (relay/change over)	flow		analog 4...20 mA
Output 2 (relay/change over)	temperature	failure	-
Load $R_L$ [ $\Omega$ ]	-		200...500
Switching voltage [V]	30 AC / 36 DC		-
Switching current [A]	2		-
Switching power max.	60 VA / 50 W		-
Ambient temperature [ $^{\circ}\text{C}$ ]	-20...+60		-20...+60
Protection [EN 60529]	IP 20		IP 20

