



Adoption for the controlling of the amount of gas with a contact pressure gauge

## MCS GasCommander - signal box

- controlling of the amount of gas with a contact pressure gauge
- micro processor controlled for the continuously controlling of gas supply
- LED display to signalling trouble reports
- line-monitoring
- false alarm rejection of cold start
- installed piezo-buzzer
- plastic case or switch cabinets

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## Technical specifications – subject to change without notice

Case	wall housing	or blind frame for switch cabinet installation	
Method of assembly	wall fastening	mounting rail fixing DIN EN 50022	
Case material	hostyrene/polystyrene impact-proof		
Measurements	L x B x H	190 x 140 x 60 mm, incl. cable gland	
Protection system	IP 50		
Inputs	isolated, mechanical contacts depending on the construction 2, 4, 6, 8 10 V max. by the device , 10 mA max. (short-circuit proof) 330 mH/ 4,0 F (Eex ib IIC), 1000 mH/ 30,0 F (Eex ib IIB)		
Switching outputs	common alarm	potential-free changer	250 V/2,5 A
Horn	external	isolated NOC (normally open contact)	250 V/2,5 A silenced
Piezo-buzzer	100 dB/1m	in case of alarm active silenced	
Operating elements	1 button 1 button	horn off, alarm-reset hardware check	
Calibration elements	via software		
Indicators	LED display	red alarm red horn active green ready, device error	per input common alarm
Connected loads	230 V/50 Hz/20 W	24 V/DC/20 W	
Values of environment	max. 40 °C	0-95 % relative humidity, not condensing	
Connection technology	series terminal 2-pole 10 V/ DC		
Connection section	1,5 mm <sup>2</sup> max.		
Options	mounting rail fixing GasCommander Exi	for control box installation EX-modules, buffer amplifier	

## Overview GasCommander SK types

Device type	Channel	Order number
GasCommander SK 2	2	20-1002
GasCommander SK 4	4	20-1004
GasCommander SK 6	6	20-1006
GasCommander SK 8	8	20-1008

## Overview GasCommander EX types

Device type	Channel	Order number
GasCommander EXi 2	2	21-1002
GasCommander EXi 4	4	21-1004
GasCommander EXi 6	6	21-1006
GasCommander EXi 8	8	21-1008