



FCB 5588

The mass-flow controller serves three main functions:

- precise adjustment of the working pressure;
- on- and off-switching of the heating flame;
- types FCB to FCE also enable control of the pilot flame (internal and external), see the following type overview.

Das Massenstromventile haben drei Hauptfunktionen:

- *präzise Einstellung des Arbeitsdruckes;*
- *An- und Abschalten der Heizflamme;*
- *Typen FCB bis FCE ermöglichen ebenfalls die Steuerung der Zündflamme (intern und extern), siehe die nachfolgende Typenübersicht.*

MAIN CHARACTERISTICS		HAUPTMERKMALE	
Adjustable	yes	Einstellbar	ja
Max. inlet pressure	25 bar	Max. Eingangsdruck	25 bar
Body material	brass	Gehäusematerial	Messing
For the use with	propane, natural gas, acetylene, oxygen	Für Medien	Propan, Erdgas, Acetylen, Sauerstoff



Type 5588 / Typ 5588	FCA	FCB	FCC	FCD	FCE
Medium <i>Medium</i>	Oxygen <i>Sauerstoff</i>	Oxygen <i>Sauerstoff</i>	Oxygen <i>Sauerstoff</i>	Oxygen <i>Sauerstoff</i>	Oxygen <i>Sauerstoff</i>
Dimensions without double nipples <i>Abmessungen ohne Doppelnippel</i>					
- heigh <i>Höhe</i>	173.5	173.5	173.5	173.5	173.5
- width <i>Breite</i>	114	130	130	196	196
- length <i>Länge</i>	90	90	90	90	90
Female connection without double nipples <i>Innengewinde ohne Doppelnippel</i>					
	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"
Dimensions with double nipples <i>Abmessungen mit Doppelnippel</i>					
- heigh <i>Höhe</i>	173.5	173.5	173.5	173.5	173.5
- width <i>Breite</i>	114	130	130	196	196
- length <i>Länge</i>	143	143	143	143	143
Male connection with double nipples <i>Außengewinde mit Doppelnippel</i>					
- inlet <i>Eingang</i>	G3/8"	G3/8"	G3/8"	G3/8"	G1/2"
- outlet <i>Ausgang</i>	G3/8"	G3/8"	G3/8"	G3/8"	G1/2"
Coil voltage <i>Spannung Magnetspule</i>					
- AC	24V/50Hz – 240V/50Hz	24V/50Hz – 240V/50Hz	24V/50Hz – 240V/50Hz	24V/50Hz – 240V/50Hz	24V/50Hz – 240V/50Hz
- DC	12V – 220V	12V – 220V	12V – 220V	12V – 220V	12V – 220V
Bypass <i>Bypass</i>	No <i>Nein</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>
Gauge port <i>Manometeranschluss</i>	No <i>Nein</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>
Material <i>Werkstoff</i>	Brass <i>Messing</i>	Brass <i>Messing</i>	Brass <i>Messing</i>	Brass <i>Messing</i>	Brass <i>Messing</i>
Service kit available <i>Wartungssatz vorhanden</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>
Connection to ignition torch <i>Anschluss zum Zündbrenner</i>	No <i>Nein</i>	No <i>Nein</i>	No <i>Nein</i>	Yes <i>Ja</i>	Yes <i>Ja</i>

Type 5588	FCA	FCB	FCC	FCD	FCE
Medium <i>Medium</i>	Gas <i>Gas</i>	Gas <i>Gas</i>	Gas <i>Gas</i>	Gas <i>Gas</i>	Gas <i>Gas</i>
Dimensions without double nipples <i>Abmessungen ohne Doppelnippel</i>					
- heigh <i>Höhe</i>	173.5	173.5	173.5	173.5	173.5
- width <i>Breite</i>	114	130	130	196	196
- length <i>Länge</i>	90	90	90	90	90
Female connection without double nipples <i>Innengewinde ohne Doppelnippel</i>					
	G1/2"	G1/2"	G1/2"	G1/2"	G1/2"
Dimensions with double nipples <i>Abmessungen mit Doppelnippel</i>					
- heigh <i>Höhe</i>	173.5	173.5	173.5	173.5	173.5
- width <i>Breite</i>	114	130	130	196	196
- length <i>Länge</i>	147	147	147	147	147
Male connection with double nipples <i>Außengewinde mit Doppelnippel</i>					
- inlet <i>Eingang</i>	G1/2" LH	G1/2" LH	G1/2" LH	G1/2" LH	G1/2" LH "
- outlet <i>Ausgang</i>	G1/2" LH	G1/2" LH	G1/2" LH	G1/2" LH "	G1/2" LH
Coil voltage <i>Spannung Magnetspule</i>					
- AC	24V/50Hz – 240V/50Hz	24V/50Hz – 240V/50Hz	24V/50Hz – 240V/50Hz	24V/50Hz – 240V/50Hz	24V/50Hz – 240V/50Hz
- DC	12V – 220V	12V – 220V	12V – 220V	12V – 220V	12V – 220V
Gauge port <i>Manometeranschluss</i>	No <i>Nein</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>
Material <i>Werkstoff</i>	No <i>Nein</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>
Service kit available <i>Wartungssatz vorhanden</i>	Brass <i>Messing</i>	Brass <i>Messing</i>	Brass <i>Messing</i>	Brass <i>Messing</i>	Brass <i>Messing</i>
Connection to ignition torch <i>Anschluss zum Zündbrenner</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>	Yes <i>Ja</i>
Gauge port <i>Manometeranschluss</i>	No <i>Nein</i>	No <i>Nein</i>	No <i>Nein</i>	Yes <i>Ja</i>	Yes <i>Ja</i>