

FEATURES

- Solenoid valves satisfy all relevant EC directives
- Valves do not require a minimum operating pressure and have a high operating pressure as indicated
- Valve operation is not affected by mounting position

GENERAL

Differential pressure See "SPECIFICATIONS" [1 bar = 100 kPa]

Maximum viscosity 65 cSt (mm²/s)

Response times 5 - 25 ms

fluids (*)	temperature ranges (TS)	sealings (*)
air, inert gas, water, oil	-20 to +90°C	NBR (nitrile / buna-n)
	-20 to +40°C	UR (cast urethane)

MATERIALS IN CONTACT WITH FLUID

(*) Ensure that the compatibility of the fluids in contact with the materials is verified

Body	Brass
Core tube	Stainless steel
Core and plugnut	Stainless steel
Springs	Stainless steel
Seat	Brass
Sealing	NBR
Disc	NBR or UR
Shading coil	Copper

ELECTRICAL CHARACTERISTICS

Coil insulation class F

Connector Spade plug (Pg 11P)

Connector specification ISO 4400

Electrical safety IEC 335

Standard voltages DC (=): 24V

(Other voltages and 60 Hz on request) AC (~): 24V - 115V - 230V / 50 Hz

coil type	power ratings				ambient temperature ranges (TS)	protection
	inrush	holding		hot/cold		
	~ (VA)	~ (VA)	~ (W)	= (W)	(°C)	
CM6-FT	34,0	15,6	6,0	7 / 9,7	-20 to +75	moulded IP65
CM6-FB	30,0	22,5	9,0	9,5 / 15,3	-20 to +50	moulded IP65
CMXX-FT	55,0	23,0	10,5	9 / 11,2	-20 to +75	moulded IP65
CMXX-FB	78,0	35,0	16,7	-	-20 to +50	moulded IP65
CMXX-FF	-	-	-	14 / 19,7	-20 to +25	moulded IP65

SPECIFICATIONS

pipe size	orifice size	flow coefficient Kv		operating pressure differential (bar)								coil type		catalogue number	OPTIONAL			
				min.	maximum (PS)						FPM				EPDM	CR	PTFE	
					air (*)		water (*)		oil (*)									
G	(mm)	(m³/h)	(l/min)		~	=	~	=	~	=	~	=						
Brass body, NBR sealings and disc																		
1/4	1,2	0,05	0,8	0	50	35	50	35	35	35	CM6-FT	CM6-FT	SC G262C019	V	E	J	T	
	2,4	0,17	2,8	0	25	10	25	8	11	8	CM6-FT	CM6-FT	SC G262C020	V	E	J	T	
	2,4	0,17	2,8	0	35	15	35	10	20	10	CM6-FB	CM6-FB	SC G262C021	V	E	J	T	
	3,2	0,30	5,0	0	9	4	11	4	6	4	CM6-FT	CM6-FT	SC G262C022	V	E	J	T	
	3,2	0,30	5,0	0	15	7	16	6	11	6	CM6-FB	CM6-FB	SC G262C023	V	E	J	T	
	3,2	0,30	5,0	0	20	5	20	4	13	4	CMXX-FT	CMXX-FT	SC G262D232	V	E	J	T	
	4,0	0,43	7,2	0	12	2,5	13	2,5	10	3,0	CMXX-FT	CMXX-FT	SC G262C202	V	E	J	T	
	5,6	0,62	10,3	0	6,5	1,7	6,5	1,7	6,5	1,7	CMXX-FT	CMXX-FT	SC G262C208	V	E	J	T	
	5,6	0,73	12,2	0	2,5	1,2	3,0	1,3	2,5	1,3	CM6-FT	CM6-FT	SC G262C013	V	E	J	T	
	7,1	0,82	13,7	0	1,8	1,0	2,5	1,0	1,9	1,0	CM6-FT	CM6-FT	SC G262C090	V	E	J	T	
	7,1	0,75	12,5	0	4,0	1,2	5,0	1,0	4,0	1,2	CMXX-FT	CMXX-FT	SC G262C210	V	E	J	T	
	7,1	0,75	12,5	0	6,0	1,7	6,5	1,3	6,0	1,3	CMXX-FB	CMXX-FF	SC G262B212	V	E	J	T	
Brass body, NBR sealings and UR disc																		
1/4	1,2	0,05	0,8	0	100	32	100	32	75	30	CMXX-FT	CMXX-FT	SC G262D200				T	

The codes in the grey shaded areas correspond to commonly used products which can be supplied rapidly

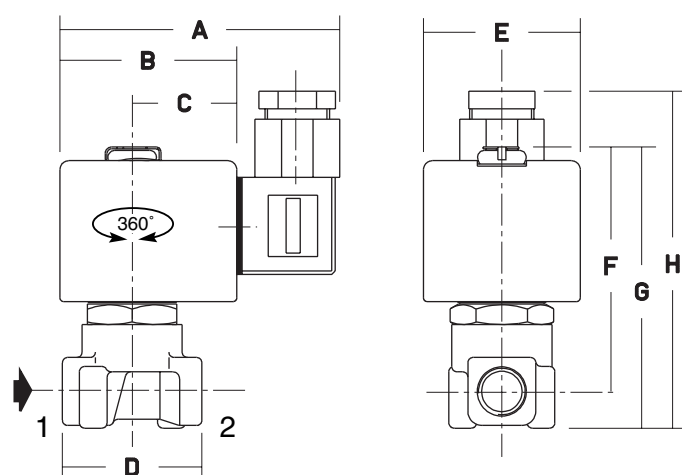
OPTIONS

- Valves can also be supplied with FPM (fluorelastomer / viton), EPDM (ethylene-propylene), CR (chloroprene / neoprene) and PTFE (teflon) sealings and discs. Use the appropriate optional suffix letter for identification
- Waterproof enclosure with embedded screw terminal coil according to protection class IP67, CEE-10
- Explosionproof enclosures for hazardous locations according to "**CENELEC**" and national standards (see section 10)
- Explosionproof and watertight enclosures according to "**NEMA**" standards (see section 10)
- Mounting brackets
- Compliance with "**UL**" and "**CSA**" standards
- Low power execution, see X012 catalogue
- Manual operator
- Plug with visual indication and with peak voltage suppression or with cable length of 2m (see section 11)

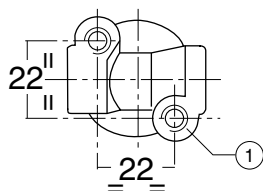
INSTALLATION

- The valves can be mounted in any position without affecting operation
- Valves have 2 mounting holes in body
- Threaded pipe connections is standard: G = G (ISO 228/1)
- The third digit in the catalogue number indicates the standard pipe connection
- Other pipe connections are available on request
- Installation/maintenance instructions are included with each valve
- Spare Parts Kit and replacement coils are available (see section 11)

DIMENSIONS (mm), WEIGHT (kg)



BOTTOM VIEW



① 2 mounting holes Ø M4, depth 6 mm

catalogue number SC G262	A	B	C	D	E	F	G	H	weight (1)
C013 - C019 - C020 - C021 C022 - C023 - C090	75	45	27	40	39	65	75	92	0,35
B212 - C202 - C208 C210 - D200 - D232	80	50	30	40	45	69	79	96	0,45

(1) incl. coil and connector