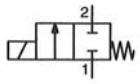
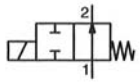
NC 

NO 

FEATURES

- *High operating pressure*
- *RoHS compliance*
- *AC/DC interchangeability of the coil possible only for NC (10,1 W/11,6 W and 17,1 W/22,6 W)*
- *Valves do not require a minimum operating pressure*
- *Large selection of seal materials providing wide chemical compatibility*
- *The solenoid valves satisfy all relevant EC directives*

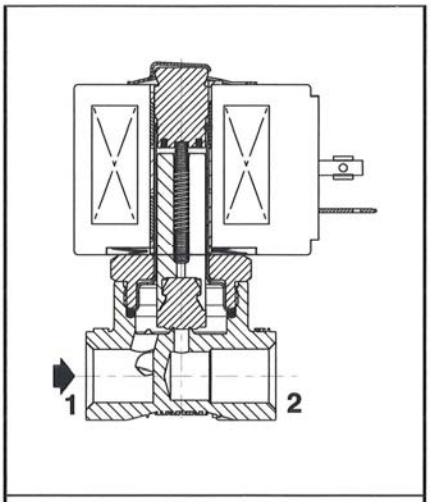
GENERAL

Differential pressure See «SPECIFICATIONS» [1 bar =100 kPa]
Maximum viscosity 65 cSt (mm²/s)
Response time 5 - 25 ms

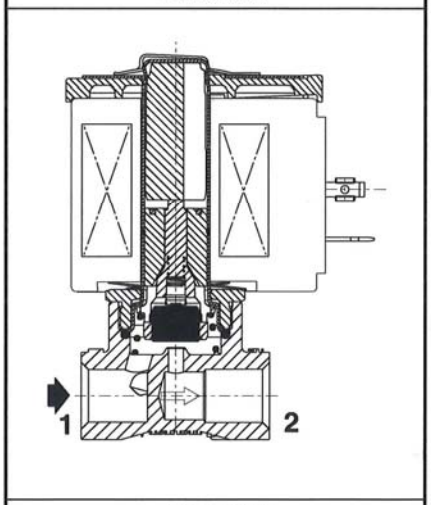
fluids (∗)	temperature range (TS)	seal materials (∗)
air, inert gas, water, oil	-25°C to +80°C	NBR (nitrile)
	0°C to +60°C	UR (cast urethane)

GENERAL

MATERIALS IN CONTACT WITH FLUID (∗) Ensure that the compatibility of the fluids in contact with the materials is verified		
Body	Brass	Stainless steel, AISI 304
Shading coil	Copper	Silver
Core tube	Stainless steel, AISI 305	
Core and plugnut	Stainless steel, AISI 430F	
Springs	Stainless steel, AISI 302	
Seal	NBR	
Disc	NBR or UR	
Disc holder (NO function)	PA	



NC function



NO function

ELECTRICAL CHARACTERISTICS

Coil insulation class	F (AC) or H (DC)
Connector	Spade plug (cable Ø 6-10 mm)
Connector specification	ISO 4400 / EN 175301-803, form A
Electrical safety	IEC 335
Electrical enclosure protection	Moulded IP65 (EN 60529)
Standard voltages	DC (=) : 24V - 48V
(Other voltages and 60 Hz on request)	AC (~) : 24V - 48V - 115V - 230V/50 Hz

operator ambient temperature range (TS)	power ratings				replacement coil	
	inrush ~	holding ~		hot/cold =	~	=
(°C)	(VA)	(VA)	(W)	(W)	230 V/50 Hz	24 V DC
-25 to +55	30	16	8,1	7,7/ 10,6	238213-059	238513-006
	45	20	11,1	12,5/18,6	238213-157	238513-106
	50	25	10,1	8,5/11,6	238613-059	238913-006
	70	40	17,1	15,1/22,6	238613-159	238913-106

OPTIONS

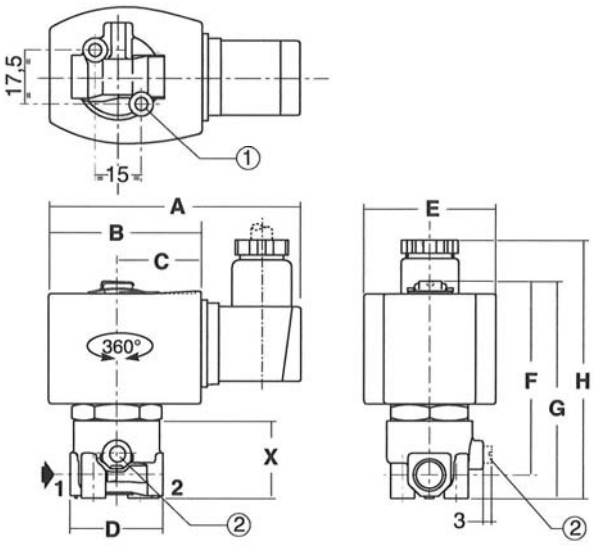
Seals and disc (∗) [1] (fluid temperature range)	FPM (fluoroelastomer): -15°C to +100°C (coil class F) -15°C to +120°C (coil class H)
	EPDM (ethylene-propylene), 0°C to +100°C
	CR (chloroprene), 0°C to +80°C
	PTFE: -15°C to +100°C (coil class F) -15°C to +120°C (coil class H)
Plug with visual indication and peak voltage suppression or with cable length of 2 m (see Solenoids, Coils & Accessories section)	

(∗) Ensure that the compatibility of the fluids in contact with the materials is verified.
[1] The minimum ambient temperature of the solenoid valve is determined by the limitations of minimum temperature indicated.

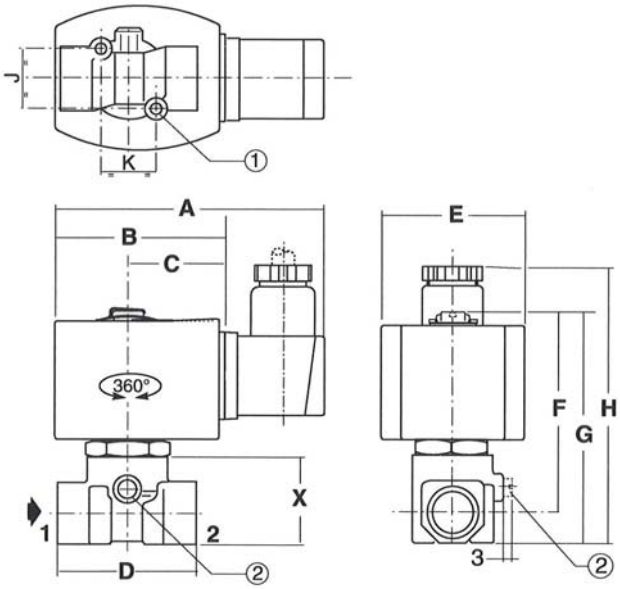
DIMENSIONS (mm), WEIGHT (kg)

TYPE 01
Electrical interface "S1"
Epoxy moulded
IEC 335 / ISO 4400
IP65

1/8, power coil 8,1 W / 10,6 W and 11,1 W / 18,6 W



1/4, power coil 8,1 W / 10,6 W and 11,1 W / 18,6 W



type	pipe size	A	B	C	D	E	F	G	H	X	weight (1)
01	1/8	88	51	30	30	43	62	71	88	26	0,30
	1/4	88	51	30	40	43	65	75	92	30	0,42

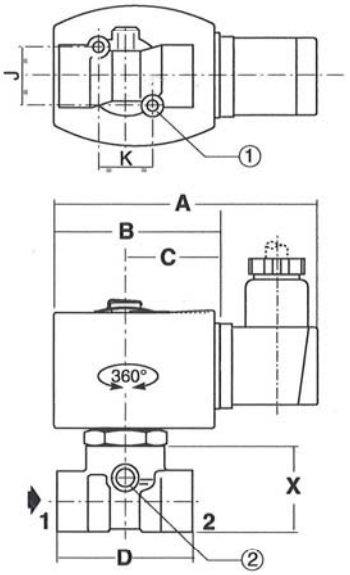
(1) Incl. coil(s) and connector(s).

① 2 mounting holes:
M5 dia., depth 6,5 mm (1/8)
M5 dia., depth 7,5 mm (1/4)
② Manual operator location

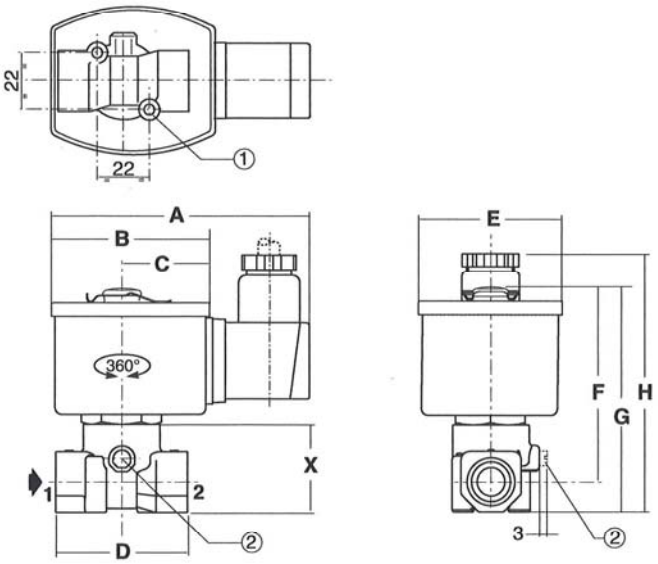
DIMENSIONS (mm), WEIGHT (kg)

TYPE 02
Electrical interface "S1"
Epoxy moulded
IEC 335 / ISO 4400
IP65

NC: 1/4, power coil 10,1 W / 11,6 W and 17,1 W / 22,6 W



NO: 1/8-1/4, power coil 10,1 W / 11,6 W



type	pipe size	A	B	C	D	E	F	G	H	J	K	X	weight (1)
02	1/8 (NO)	96	59	34	30	52	67	75	88	17,5	15	26	0,50
	1/4 (NC)	95	57	33	40	50	69	78	96	22	22	30	0,60
	1/4 (NO)	96	59	34	40	52	69	78	96	22	22	30	0,62

(1) Incl. coil(s) and connector(s).

① 2 mounting holes:
M5 dia., depth 7,5 mm (1/4)
② Manual operator location.