2/2 SOLENOID VALVES
pilot operated
HOT WATER/STEAM SERVICE
brass body, 1/2 - 3/4

CRYOGENIC SERVICE
brass body, 1/2





	series 220			series 222LT
Fluids	hot water	steam		cryogenic fluids
Differential pressure	refer to selection table			
Fluid temperature (TS)	-20°C to +98°C	-20°C to +147°C (class F)	-20°C to +177°C (class H)	-196°C to +90°C
Ambient temperature (TS)	0°C to +52°C (class F) 0°C to +60°C (class H)	0°C to +52°C	0°C to +60°C	-20°C to +50°C
Body	brass			
Sealings	PTFE			PTFE - reinforced
Standard voltages AC (~)	24 - 48 - 115 - 230V / 50 Hz-			24 - 230V / 50 Hz-

- Handles high temperature fluids
- Small compact sized valves particularly designed for hot water and steam applications
- PTFE discs plus high temperature coils help provide a long and reliable service life
- The 222LT series will withstand the severe service encountered in controlling cryogenic fluids, such as liquid oxygen (-183°C), liquid argon (-186°C) and liquid nitrogen (-196°C)

YOUR SELECTION

pipe size	orifice size	flow coefficient Kv	operating pressure differential bar min.	max. (PS) steam ~	steam =	water ~	water =	cryogenic fluids ~	power ~	power =	(M)	connector	code G=ISO-228; E=Rp ISO-7	standard voltages (V) AC (~) / 50Hz 24	48	115	230	DC (=) 24	48
	mm	m³/h	bar	~	=	~	=	~	W	W									
2/2 NC - brass body - **for hot water/steam service**																			
													15-DIGIT PRODUCT CODE (3)						
1/2	12,7	3,8	0	3	-	10	-	-	10,1	-	×	size 30 (2)	**E220K405S1T00**	FL	FR	FT	F8		
			0,3	9	-	10	-	-	10,1	-	×		**E220K406S1T00**	HL	HR	HT	H8		
3/4	19	7,5	0	3	-	10	-	-	10,1	-	×		**E220K408S1T00**	FL	FR	FT	F8		
			0,3	9	-	10	-	-	10,1	-	×		**E220K409S1T00**	HL	HR	HT	H8		
2/2 NC - brass body - **for cryogenic service**																			
1/2	16	3,3	0	-	-	-	-	9	16,7	-	×	size 30 (2)	**SCE222E002LT**	✓			✓		

(3) Ordering example : add the 2 digits for the voltage at the end of the 15-digit code: E220K405S1T00**FL** (24V AC)

(M) Manual operator × without
(2) ISO 4400 / EN 175301-803, form A

DIMENSIONS

(See page 17)

OPTIONS AND ACCESSORIES

Connector with integrated electrical indication and protection or cable of 2m (see page 103)



Replacement coils (see page 104)



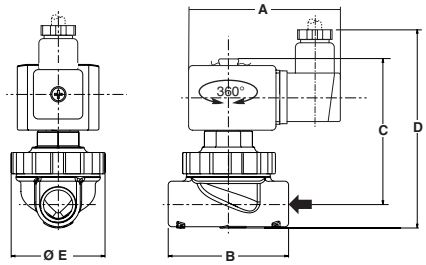
Use suffix MB to order incl. mounting bracket, only for series 222.

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DIMENSIONS

2/2 Solenoid valves, pilot operated, series 220

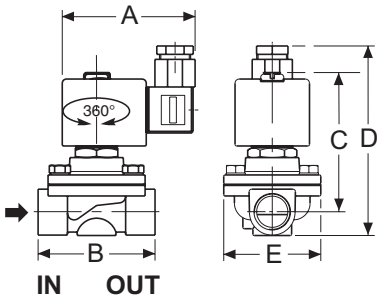
series 220



flow direction

code	A	B	C	D	E
E220K405S1T00	91	73	90	119	132
E220K406S1T00	91	73	90	119	132
E220K408S1T00	95	73	89	119	134
E220K409S1T00	95	73	89	119	134

series 222



flow direction

code	A	B	C	D	E
SCE222E002LT	80	70	104	131	59

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