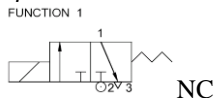


Media: air – water – gas – light oil - vacuum
 Pressure range: 0 to 8 Bar max
 Media temperature: 145°C max*
 Ambient temperature: -15° to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: any position
 Open 5ms to 20ms Close 10ms to 40ms



3/2 Brass

M5 – 1/8 (Exhaust M5)

NORMALLY CLOSED

3 WAY DIRECT ACTING

0 – 8 Bar

TYPE BT0103



PRESSURE

Ø Port BSP	Orifice (mm)		Flow Kv Ltr/Min	Pressure Rating (Bar)			Seals	Part Number (Replace xx with port size)
	Base	Top		Min	6 Watt Coil 2	5.2W ATEX Coil 2E		
M5 (01)	1.0	1.2	0.42	0	6.5	5.5	NBR -5°C to +80°C	BTxx12 + seal + voltage
	1.3		0.71	0	6	4.8	FKM -10°C to +80°C	BTxx22 + seal + voltage
	1.6		1.28	0	4	3.5		BTxx32 + seal + voltage
1/8 (03)	2.0	1.5	2.0	0	2.8	2.0	FFKM -20°C to +80°C	BTxx42 + seal + voltage
	2.5		2.57	0	1.2	0.8		BTxx52 + seal + voltage
Port	Base	Top	Flow		6.8 Watt Coil 3		Seals	Part Number (Replace xx with port size)
M5 (01)	1.0	1.0	0.42	0	8		NBR -5°C to +80°C	BTxx13 + seal + voltage
	1.3		0.71	0	7			BTxx23 + seal + voltage
	1.6		1.28	0	5.5			BTxx33 + seal + voltage
1/8 (03)	2.0	1.2	2.0	0	3.5		EPDM, FKM, FFKM -10°C to +145°C	BTxx43 + seal + voltage
	2.5		2.57	0	1.5			BTxx53 + seal + voltage

OPTIONS

Connector PG9 – DIN 43650 (A or B)
 NPT Thread
 ATEX coil 22002EX EExmIIT4 II 2G & 2D IP65 T130°C
 FKM (V) or EPDM (J) seal
 FFKM (Kalrez) seal
 Exhaust accessories F Female thread, P Male thread, C dust cap

ELECTRICAL DATA

Voltage (-8% + 8%) Continuous duty 100%		Coil	Power Consumption	Insulation class	Enclosure	Electrical connections
~	24 - 48 - 110 – 230 (50/ 60Hz)	Coil 2 22001/5 Width 22mm	6.9VA	H 155°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 - 24 (DC)		6 Watts			
~	24 - 48 - 110 - 230 (50/ 60Hz)	Coil 3 22002/6 Width 30mm	8VA			
=	12 - 24 – 48 – 240 (DC)		6.8 Watts			

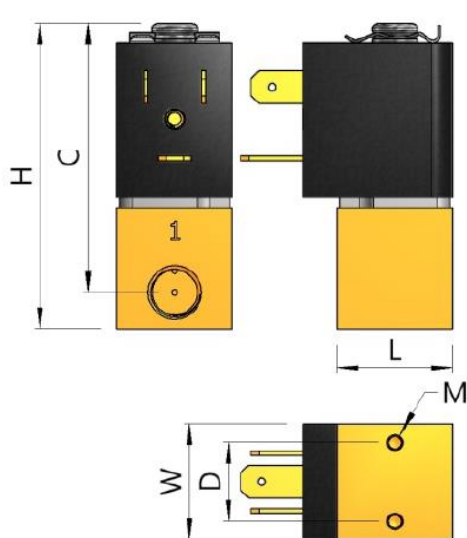
CONSTRUCTION

Body + Tube: Brass (Option stainless steel), Internal parts: Stainless steel
 Seals and gaskets: NBR, FKM or FFKM (Kalrez Z)
 Moulded coil: Resin

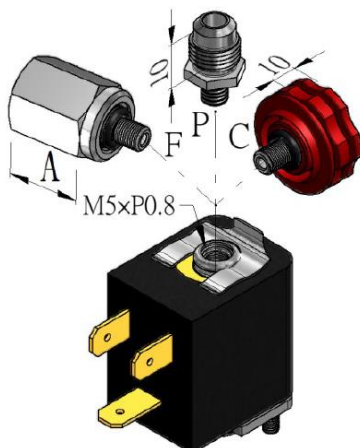
REPAIR KIT

Coil	Coil size 2 (22001/5) or coil 3 (22002/6) + voltage
Armature	SP + Valve Part Number -ARMATURE

OVERALL DIMENSIONS



	L	W	H	C	D	M	Kg
BT01	22	22 or 30	54	49	15	M3	0.48
BT03	22	30	58	51	15	M3	0.49



OPTION ACCESSORY BRACKET

