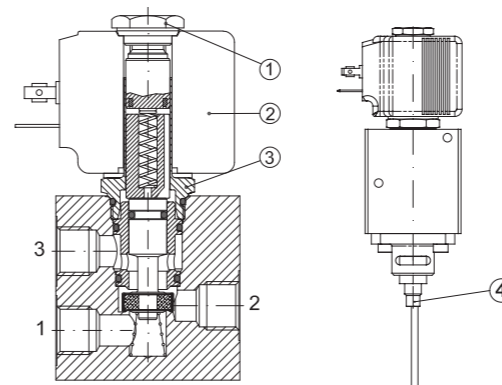


SERIES 320

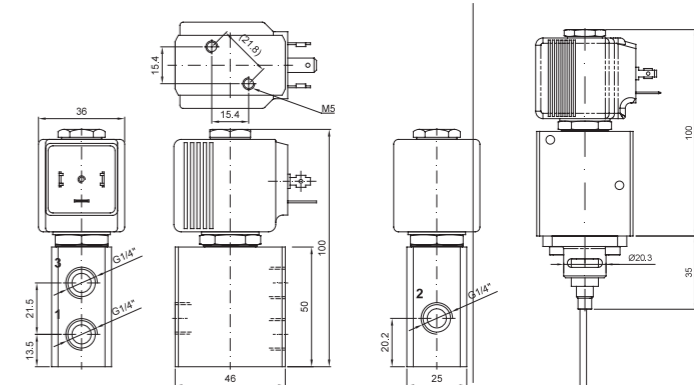
Solenoid valve 3 way direct acting poppet type. The balanced seal and the special construction allows a big flow. The solenoid valve can be used as normally closed, normally open, mixing or diverting. On request with position detector (with led).



SPARE PARTS LIST



OVERALL DIMENSION



CONSTRUCTION

BODY	Anodized aluminium (series 320,321,322) AISI 303 (series 323,324,325)
ARMATURE TUBE	AISI 303
PLUNGER AND CORE	AISI 430FR
SPRINGS	AISI 302
SEAL MATERIAL	FPM

FEATURES

Maximum allowable pressure PS 50bar
Maximum fluid viscosity 25cSt (mm2/s)
Ambient temperature: from -10°C to +80°C according to the coil
Universal mounting position

CODE	CONNECTION G ISO 228	ORIFICE [mm]		KV m3/h	DIFFERENTIAL PRESSURE [bar]				NOMINAL POWER			COIL		SEAL	TEMP. RANGE [°C]		
		1 → 2	2 → 3		MIN.	MAX.		AC INRUSH	VA HOLDING	DC WATT	SERIES	WIDTH					
						AC	DC										
ANODIZED ALUMINIUM BODY																	
Universal																	
E320BV75//...	G1/4"	7.5	7.5	0.64	0	5	5	40	30	27	5	36	FPM=V	-10 +140			
NC Normally closed																	
E321BV75//...	G1/4"	7.5	7.5	0.64	0	9	9	40	30	27	5	36					
NO Normally open																	
E322BV75//...	G1/4"	7.5	7.5	0.64	0	9	9	40	30	27	5	36	FPM=V	-10 +140			
STAINLESS STEEL BODY																	
Universal																	
E323BV75//...	G1/4"	7.5	7.5	0.64	0	5	5	40	30	27	5	36	FPM=V	-10 +140			
NC Normally closed																	
E324BV75//...	G1/4"	7.5	7.5	0.64	0	9	9	40	30	27	5	36					
NO Normally open																	
E325BV75//...	G1/4"	7.5	7.5	0.64	0	9	9	40	30	27	5	36	FPM=V	-10 +140			

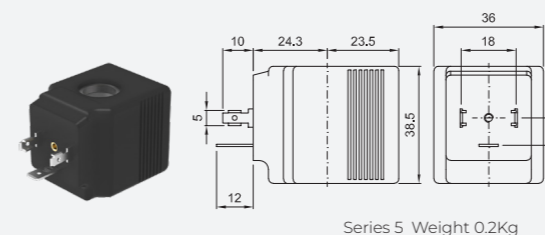
① Seal
② Coil

Example: E320BV75//521 Universal, FPM seal, coil 24V DC
E320BV75/P2/521 Universal, FPM seal, coil 24V DC, with position detector 2-wires prewired

OPTIONS

Position detector with 2 mt prewired connection cable 2-wires (option /P2)
Position detector with 2 mt prewired connection cable 3-wires (option /P3)
Position detector with 3-pin M8 connector to be wired (option /PC)

COILS	ALTERNATING CURRENT 50/60Hz (V)								DIRECT CURRENT (V)			ELECTRICAL CONNECTION	CONNECTORS				
	12	24	48	110	120	220 230	240	380	12	24	48						
Series 5 Width 36	52A	52B	U55B	52C	52D	U55D	52E	52F	U55F	52G	520	U550	521	U551	522	DIN 43650A	PG9 CODE 10349001



POSITION DETECTOR DESCRIPTION

Inlet 10÷30V max
Curr. consumption max 10mA
Output signal PNP
Output contact NO
Pre-wired 2 poles PVC cable, L=2mt (code 15148000)
Pre-wired 3 poles PVC cable, L=2mt (code 15147000)
3 pin M8 connector to be wired (code 15103000)
Yellow led indicator
IP protection class IP67
Ambient temp. -25°C÷+70°C
CE cURus omologations
(for further details see section 8)

COIL DESCRIPTION

Class H insulation
Voltage tolerance
AC +15%-10% DC ± 10%
IP65 with connector fitted
IP00 without connector

OPTIONS

Cable attached
Special voltage and powers