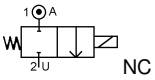
Media: air – water – gas – light oil - vacuum
Pressure range: 0 to 16 bar max
Media temperature: 80°C max
Ambient temperature: -10°to +50°C max
Media viscosity: 40 centistokes max
Mounting: any position
Weight (including coil): 175 g, 255g, 475g
Opening or Closing time: 20 mSec Max

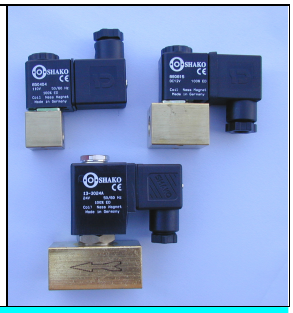


NC

2/2 Brass

N/CLOSED
2 WAY DIRECT ACTING

TYPE PU220AR



PRESSURE

Ø Port	Ø Orifice (mm)	Flow Rate Cv Ltr/ min	Coil Size	Pressure Rating (bar) Min ΔP	AC Max ΔP	DC Max ΔP	Seals	Max Media Temp °C	Part Number
1/8 BSP	1.2	0.7	22001	0	25	16	NBR EPDM FKM	60 80 80	PU22001A + voltage PU22001AE + voltage PU22001AV + voltage
1/4 BSP	2.3	2.0	22001	0	10	6	NBR EPDM FKM	60 80 80	PU22002A + voltage PU22002AE + voltage PU22002AV + voltage
3/8 BSP	8.0	19.0	22003	0.1	10	7	NBR EPDM FKM	60 80 80	PU22003A + voltage PU22003AE + voltage PU22003AV + voltage

OPTIONS

Connector PG9 – (DIN 43650 B 1/8 & 1/4) (DIN 43650A 3/8)
IP65 coil
Explosion Proof Coil PU22001 & 2: EExmIIT4 II ATEX 2G IP65 T 130°C (Optional T6 T 85°C)
Explosion Proof Coil PU22003: EExmIIT4 II ATEX 2G IP65 T 130°C (Optional T6 T 85°C)
NPT thread

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil Size	Power Inrush	Power Holding	Insulation class	Enclosure	Electrical connections
~	24 - 110 - 230 (50 *or* 60 Hz)	**22001**	11.6 VA	8.5 VA	F 155°C	*IP 65 with connector*	3 spades DIN 43650 DIN 40050 VDE 0110
=	12 - 24 (DC)		4.5 Watts				
~	24 - 48 - 110 - 220 - 380 (50 or 60 Hz)	**22003**	23VA	17VA	H 180°C		
=	12 - 24 - 48 (DC)		15 watts				

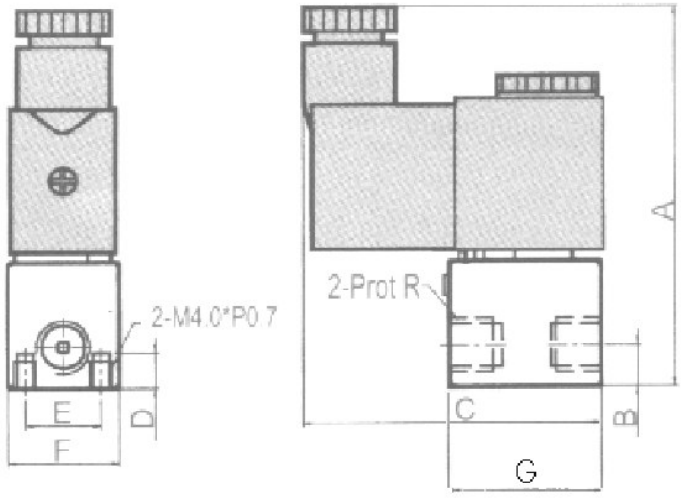
CONSTRUCTION

Body: Brass
Tube and internal parts: stainless steel
Seals and gaskets: NBR (Optional EPDM or FKM)
Moulded coil: resin

REPAIR KIT

Coil	Coil size (22001 or 22003) + voltage
Complete plunger + O' rings	Coil size + seal material

OVERALL DIMENSIONS



Model	PU22001AR	PU22002AR	PU22003AR
Port	**1/8 BSP**	**1/4 BSP**	**3/8 BSP**
A	72.0	75.0	95.5
B	7.0	12.0	10.8
C	60.0	66.0	77.0
D	8.0	8.0	8.0
E	15.0	19.0	20.0
F	22.0	24.0	31.8
G	22.0	35.0	55.0
Locating Holes	M4	M5	M5