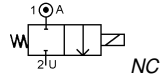


Media: air – water – gas – light oil – vacuum
 Pressure range: 0 to 16 bar max
 Media temperature: 80 °C max
 Ambient temperature: -10 ° to +50 °C max
 Media viscosity: 40 centistokes max
 Mounting: any position
 Weight (including coil): 175 g, 255g, 475g
 Opening or Closing time: 20 mSec Max



2/2 Brass

1/8 – 3/8

NORMALLY CLOSED

2 WAY DIRECT ACTING

0 – 25 Bar

TYPE PU220AR®



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Coil	Pressure Rating (bar) ΔP			Seals	Max Media Temp °C	Part Number	List Price
				Min	AC Max	DC Max				
1/8	1.5	1.2	22001	0	25	16	NBR	80	PU22001A + voltage	£28.58
							EPDM	160	PU22001AE + voltage	£34.77
							FKM	130	PU22001AV + voltage	£34.77
1/4	2.3	2.0	22001	0	10	6	NBR	80	PU22002A + voltage	£28.58
							EPDM	160	PU22002AE + voltage	£34.77
							FKM	130	PU22002AV + voltage	£34.77
3/8	8.0	19.0	22003	0.1	10	7	NBR	80	PU22003A + voltage	£40.02
							EPDM	160	PU22003AE + voltage	£53.90
							FKM	130	PU22003AV + voltage	£53.90
3/8	8.0	19.0	22005	0.1	16	16	NBR	80	PU22003A + voltage + 18w	£47.52
							EPDM	160	PU22003AE + voltage + 18W	£61.40
							FKM	130	PU22003AV + voltage + 18W	£61.40

OPTIONS

IP65 Coil & Connector PG9 – (DIN 43650 B 1/8 & 1/4 Ports) (DIN 43650A 3/8 Port)
 ATEX 22001EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C
 ATEX 22003EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C
 NPT thread

Included
 +£61.05
 +£92.44
 +10%

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%	Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
		Inrush	Holding			
~ 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 - 230 - 380 (50 or 60 Hz)	22003	23VA	17VA	H 180°C		
= 12 - 24 - 48 (DC)		15 watts				
~ 24 - 48 - 110 - 230 - 380 (50 or 60 Hz)	22005	33VA	24VA			
= 12 - 24 - 48 (DC)		18.5 Watts				

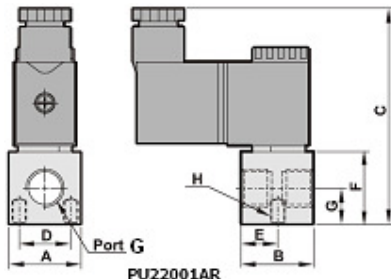
CONSTRUCTION

Body: Brass
 Tube and internal parts: stainless steel
 Seals and gaskets: NBR (Optional EPDM or FKM)
 Moulded Coil: ThermoSet Resin

REPAIR KIT

Coil	Coil size (22001 or 22003 or 22005) + voltage
Complete plunger assembly	Coil size + seal material

OVERALL DIMENSIONS



Port	1/8	1/4	3/8
A	22	25.4	30
B	22	35	55
C	72	75	79
D	15	18	18
E	11	17.5	27.5
F	22	25.4	25
G	7.5	12.7	11
H	M4 P0.7 L6.5	M5 P0.8 L7.0	M5 P0.8 L7.0

