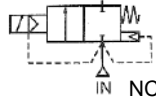


# Type PU220

## 2/2 Brass Zero Rated Solenoid Valve (Normally Closed)

Media: Air, water, light oil, 80% vacuum  
 Pressure range: 0 - 16 bar  
 Media temperature: -40°C - 150°C  
 Ambient temperature: -20°C - 60°C  
 Maximum media viscosity: 50 centistokes  
 Coil mounting: upright  
 Opening / Closing Time: 50 mSec Max



Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/min	Pressure Rating (Bar)				Seals	Max Media Temp. °C	Part Number	
			Min	DC Coil		AC Coil				
				15 Watt	18.5 Watt	15 Watt				18.5 Watt
3/8	13	35	0	5		8.5		NBR FKM EPDM	80 120 150	PU22003 + voltage PU22003V + voltage PU22003E + voltage
1/2	13	35	0	5		8.5		NBR FKM EPDM	80 120 150	PU22004A + voltage PU22004AV + voltage PU22004AE + voltage
3/4	20	72	0	5		8.5		NBR FKM EPDM	80 120 150	PU22006A + voltage PU22006AV + voltage PU22006AE + voltage
1	25	183	0	5		7		NBR FKM EPDM	80 120 150	PU22008A + voltage PU22008AV + voltage PU22008AE + voltage
3/8	13	35	0		12		12	NBR FKM EPDM	80 120 150	PU22003 + voltage +18W PU22003V + voltage+18W PU22003E + voltage+18W
1/2	13	35	0		12		12	NBR FKM EPDM	80 120 150	PU22004A + voltage+18W PU22004AV + voltage+18W PU22004AE + voltage+18W
3/4	20	72	0		16		16	NBR FKM EPDM	80 120 150	PU22006A + voltage+18W PU22006AV + voltage+18W PU22006AE + voltage+18W
1	25	183	0		16		16	NBR FKM EPDM	80 120 150	PU22008A + voltage+18W PU22008AV + voltage+18W PU22008AE + voltage+18W

### Options

22003 IP65 CE Approved Coil & Connector PG9 – DIN 43650 A Connector ATEX 22003EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C (Max ΔP 3 Bar) NPT Thread	<b>Included</b>
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### Electrical Data

Voltage (-10% + 10%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
~	=		Inrush	Holding			
~	12-24-48-110-240-380 (50/60 Hz)	22003	23VA	17VA	H 180°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
=	12 - 24 - 48 - 110 (DC)		15 Watts				
~	24-48-110-240- 380 (50/ 60 Hz)	22005	33VA	24VA			
=	12 - 24 - 48 - 110 (DC)		18.5 Watts				

### Construction

Body: Brass, Tube and internal parts: Stainless steel Seals and gaskets: NBR (Optional EPDM, FKM or HNBR), Nass Magnet Moulded coil: DuroPlast / ThermoSet Resin
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### Dimensions

Model	PU22003	PU22004A	PU22006A	PU22008A
Port R	3/8	1/2	3/4	1
A	66.5	66.5	71.0	96.0
B	101.0	101.0	107.0	120.5
C	48.0	48.0	58.0	70.0
Kg	0.74	0.715	0.945	1.485

