

FOR REFERENCE ONLY

SOLENOID VALVE

SPECIFICATIONS for MODEL PKV-3-XXXX

- ORIFICE DIAMETER : 4mm, 6mm
- PORT CONNECTION : Rc1/8, Rc1/4, 1/8-27NPT, 1/4-18NPT
- OPERATING PRESSURE RANGE : COM -50 ~ 100kPa
(-375mmHg ~ 1.0bar)
- NO, NC : 0 ~ 50kPa
(0 ~ 1.0bar)
- FLUID MEDIA : FLUIDS CHEMICALLY COMPATIBLE WITH MATERIALS BELOW
- MEDIA TEMPERATURE RANGE : 5 ~ 40°C
- AMBIENT TEMPERATURE RANGE : 5 ~ 40°C
- RATED VOLTAGE : 12VDC, 24VDC
- POWER CONSUMPTION : 10W
- DUTY CYCLE : CONTINUOUS
- COIL TEMPERATURE INCREASE : MAX. 90°C FROM ROOM TEMPERATURE
- INSULATION CLASS : CLASS B
- DIELECTRIC STRENGTH : 1500VAC FOR 60s

NOTE

PKV-3-XXXX

| ORIFICE DIAMETER | PORT CONNECTION | BODY MATERIAL | SOFT SEAL MATERIAL |
|------------------|-----------------|---------------|-------------------------------|
| B $\phi 4$ | 1/8 Rc1/8 | R PPS | F FPM |
| D $\phi 6$ | 1/4 Rc1/4 | K PEEK | G DAIEL _® PERFLUOR |
| | 1/8N 1/8-27NPT | | |
| | 1/4N 1/4-18NPT | | |

| X | Y |
|-----------|------|
| Rc1/8 | 8.5 |
| Rc1/4 | 11.5 |
| 1/8-27NPT | 8.5 |
| 1/4-18NPT | 11.5 |

WETTED MATERIALS

| | | | | | | | |
|----------|----------|-------------|----------|------------------------------|---------------------------------|--------------------------|------|
| Δ | | | 4 | DIAPHRAGM | PTFE | 2 | |
| Δ | | | 3 | SOFT SEAL | FPM/DAIEL _® PERFLUOR | 2 | |
| Δ | | | 2 | STEM | PCTFE | 1 | |
| SYM. | DATE | DESCRIPTION | 1 | VALVE BODY | PEEK/PPS | 1 | |
| REVISION | | | PART NO. | PART NAME | MATERIAL | REQD. | NOTE |
| SCALE | APPROVED | CHECKED | DRAWN | SOLENOID VALVE PKV-3-XXXX | | DRAWING NO 06217-00-S | |
| 1/1 | | | | | | | |
| A 3 | | | | | | | |

