



FOR REFERENCE ONLY

SOLENOID VALVE

SPECIFICATIONS FOR MODEL MLV-3-1/4UR(K)F(G)H-3

- ORIFICE DIAMETER : 1.6mm
- PORT CONNECTION : 1/4-28UNF
- OPERATING PRESSURE RANGE : COM -40 ~ 700kPa
{ -300mmHg ~ 7.0bar }
- NC, NO 0 ~ 700kPa
{ 0 ~ 7.0bar }
- FLOW MEDIA : FLUIDS CHEMICALLY COMPATIBLE WITH MATERIALS BELOW
- MEDIA TEMPERATURE RANGE : 5 ~ 60°C
- AMBIENT TEMPERATURE RANGE : 5 ~ 60°C
- RATED VOLTAGE : 24VDC
- HOLDING VOLTAGE : 14VDC
- POWER CONSUMPTION : 7W(AT RATED VOLTAGE)
- DUTY CYCLE : CONTINUOUS(AT HOLDING VOLTAGE)
- COIL TEMPERATURE INCREASE: MAX. 50°C FROM ROOM TEMPERATURE
(AT HOLDING VOLTAGE)

- INSULATION CLASS : CLASS B
- DIELCTRIC STRENGTH : 1500VAC FOR 60s

NOTE1
THIS PRODUCT TO BE USED WITH VOLTAGE CONTROLS.
RECOMMENDED TO DROP VOLTAGE 300ms±10% ATFER INRUSH.

NOTE2

MODEL NUMBER	STEM VALVE BODY MATERIAL	SOFT SEAL MATERIAL
MLV-3-1/4URFH-3	PPS	FKM
MLV-3-1/4URGH-3	PPS	FFKM(DAI-EL PERFLUOR)
MLV-3-1/4UKFH-3	PEEK	FKM
MLV-3-1/4UKGH-3	PEEK	FFKM(DAI-EL PERFLUOR)

WETTED MATERIALS

△			4	DIAPHRAGM	PTFE	2	
△			3	SOFT SEAL	FKM/FFKM	2	
△			2	STEM	PPS/PEEK	1	
SYM.	DATE	DESCRIPTION	1	VALVE BODY	PPS/PEEK	1	
REVISION			PART NO.	PART NAME	MATERIAL	REQD.	NOTE
SCALE	APPROVED	CHECKED	DRAWN	SOLENOID VALVE		DRAWING NO	
2/1		S. Tsuyuki	Y. Yamada	MLV-3-1/4UR(K)F(G)H-3		07016-00-E	
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