

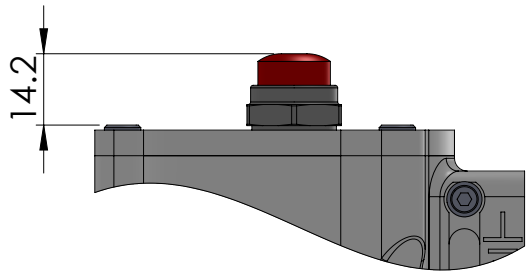
DATASHEET

SOLENOID VALVES: E38 & E38H2

Model Code Structure																		
Valve Model		Solenoid Model		Conduit		Voltage		Reset		Pressure		Port Type		Seal Material		Wetted Materials		
E38-	3 Port 2 Position Universal	SD	Ex db Solenoid	1	M20 x 1.5	A	12 Vdc	A	Automatic	21	210 bar	25P	1/4" BSPP	N	Nitrile (-25° C TO +80° C)*	SS/SS	Stainless / Stainless	
E38H2-	Hydrogen Specific	SM	Ex mb Solenoid	2	1/2" NPT	B	24 Vdc	O	Over ride			25N	1/4" NPT	V	Viton (-10° C TO +80° C)*			
						C	48 Vdc	M	Manual Reset					37P	3/8" BSPP	S	Silicone (-55° C TO +80° C)*	
						D	115 Vdc							37N	3/8" NPT	E	EPDM (-45° C TO +80° C)*	
						E	24 Vac											
						F	48 Vac											
						G	115 Vac											
						H	230 Vac											

AMBIENT TEMPERATURE LIMITS			
Ex db IIC T4 Gb & T6 Gb and Ex tb IIIC T4 Db & T6 Db			
SOLENOID SEAL MATERIAL	MIN Tamb (°C)	MAX Tamb (°C) (T4 135°C)	MAX Tamb (°C) (T6 85°C)
SILICONE	-60	85	40
Ex mb IIC T4 Gb and Ex mb IIIC T4 Db			
SOLENOID SEAL MATERIAL	MINIMUM Tamb (°C)	MAXIMUM Tamb (°C) (T4 135°C)	
SILICONE	-40	60	

DETAIL OF MANUAL RESET AND OVER RIDE PUSH BUTTON ARRANGEMENT.



SPECIFICATION:

POWER RATING: 8 WATTS

Cv: 0.15

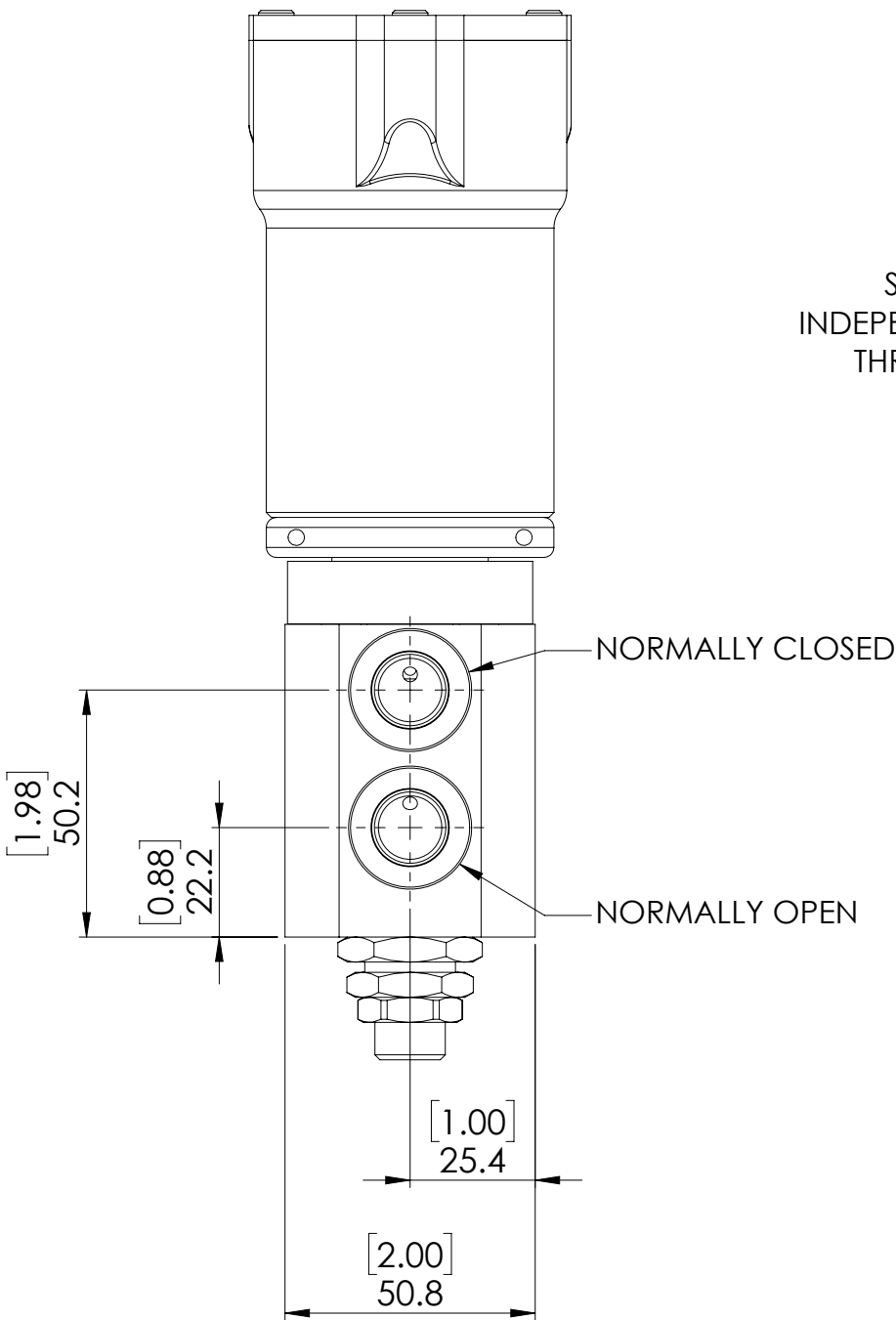
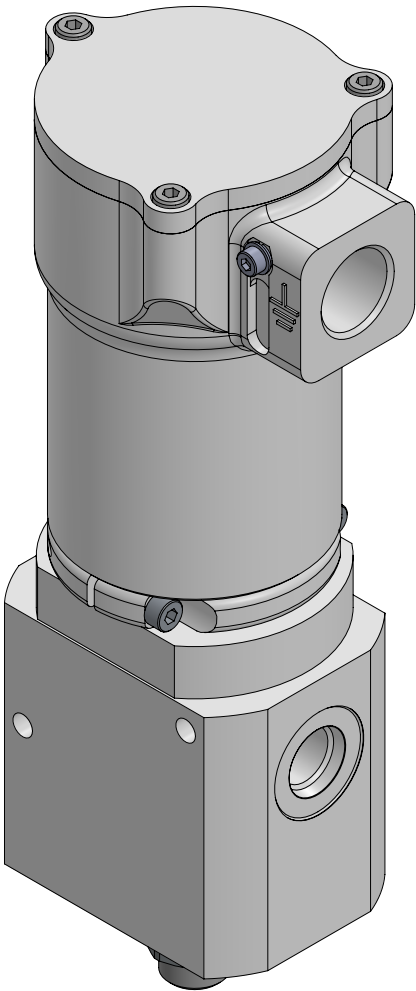
WEIGHT: 3.9 kg

IP RATING: IP68

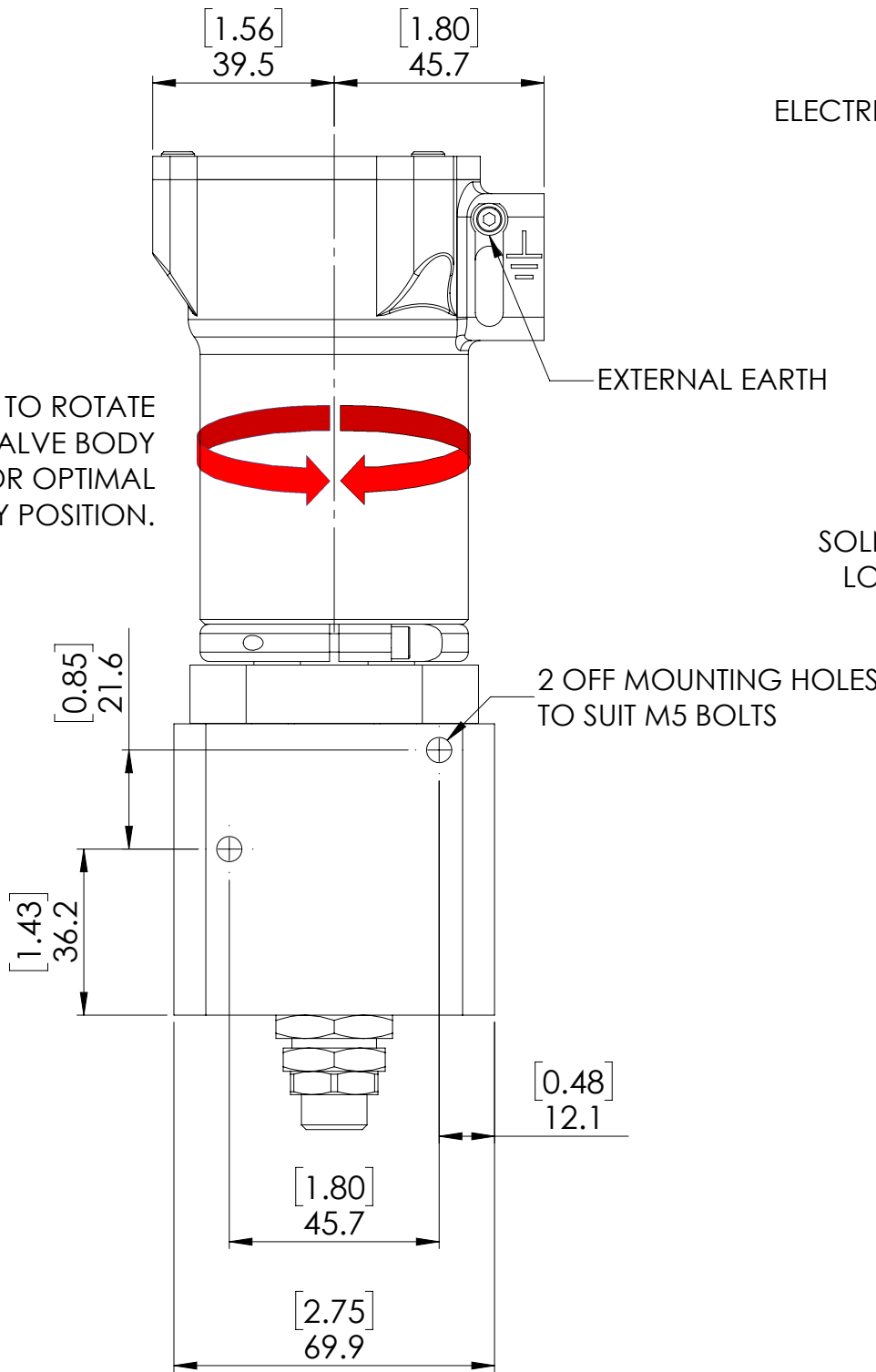
SEAT MATERIAL: PEEK

SUITABLE FOR BOTH GASES AND LIQUIDS

SURGE SUPPRESSION DIODE FITTED AS STANDARD



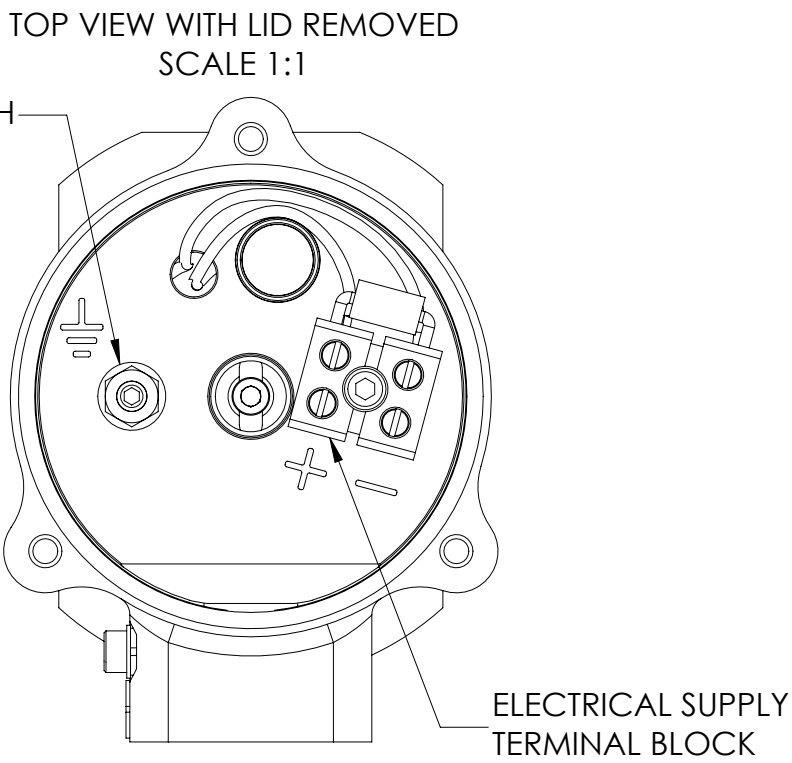
SOLENOID ABLE TO ROTATE INDEPENDENTLY OF VALVE BODY THROUGH 360° FOR OPTIMAL CONDUIT ENTRY POSITION.



ELECTRICAL CONDUIT ENTRY

SOLNOID ROTATION LOCKING SCREWS

COMMON



* THE NOMINAL TEMPERATURE RATINGS SHOWN ARE BASED ON MAXIMUM PRESSURE & STATIC PRESSURE CONDITIONS. ACTUAL TEMPERATURE PERFORMANCE WILL VARY WITH APPLICATION. TEMPERATURE TESTING IS ADVISED WHERE CRITICAL.



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DRAWN	J. KIM	SHEET	1 OF 1		3RD ANGLE PROJECTION	DRAWING SIZE	A2	DRAWING SCALE	2:3	DRAWING NUMBER	DS0190
DATE	13/01/26	ISSUE	1								