

SYMB	REVISION	DATE	BY	ECN
A	RELEASED NEW DRAWING.	20. 8. 3	Greg Geng	

NOTE

- ACTURATOR:
 - OPERATE TEMPERATURE: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
 - PROTECTION GRADE: IP66
 - RATING VOLTAGE: DC12V.
WORKING VOLTAGE: DC8V $\sim$ 16V
MINIMAL START VOLTAGE: $\leq 8\text{V}$
 - OPERATE CURRENT: $\leq 100\text{mA}$, STALL CURRENT: $\leq 500\text{mA}$
 - AFTER 30000 ENDURED TEST, IT SHOULD NOT BE TWISTED OR BROKEN.
 - RATING TORQUE: $0.4\text{N}\cdot\text{m}$
 - LABEL: YYMMDDXXXX mean year+month+day+serial number, for example, the first piece in 21/Nov/18, print 1811210001
- VALVE:
 - THE VALVE SHOULD NOT LEAKED OUTSIDE UNDER THE 0.4MPa AIR PRESSURE IN 3 MINUTES.
 - THE INSIDE LEAK SHOULD BE $\leq 1\text{L/H}$ UNDER 0.1MPa WATER PRESSURE AND 85°C WATER
 - THE LIFE SHOULD BE ≥ 20000 CIRCLES UNDER 0.1MPa WATER PRESSURE AND 85°C WATER
 - THE FLOW DIRECTION SHOULD BE COINCIDE WITH THE ARROW.
 - TORQUE: $\leq 0.2\text{N}\cdot\text{m}$
 - MAXIMAL FLOW RATIO $\geq 900\text{L/H}$ UNDER WATER VALVE OPEN COMPLETELY.
 - Delivery status is water valve closed.

MASI
CONDITIONERS

SEITZ

TITLE : 12V ELECTRICAL WATER VALVE

DWG. NO. : 029027

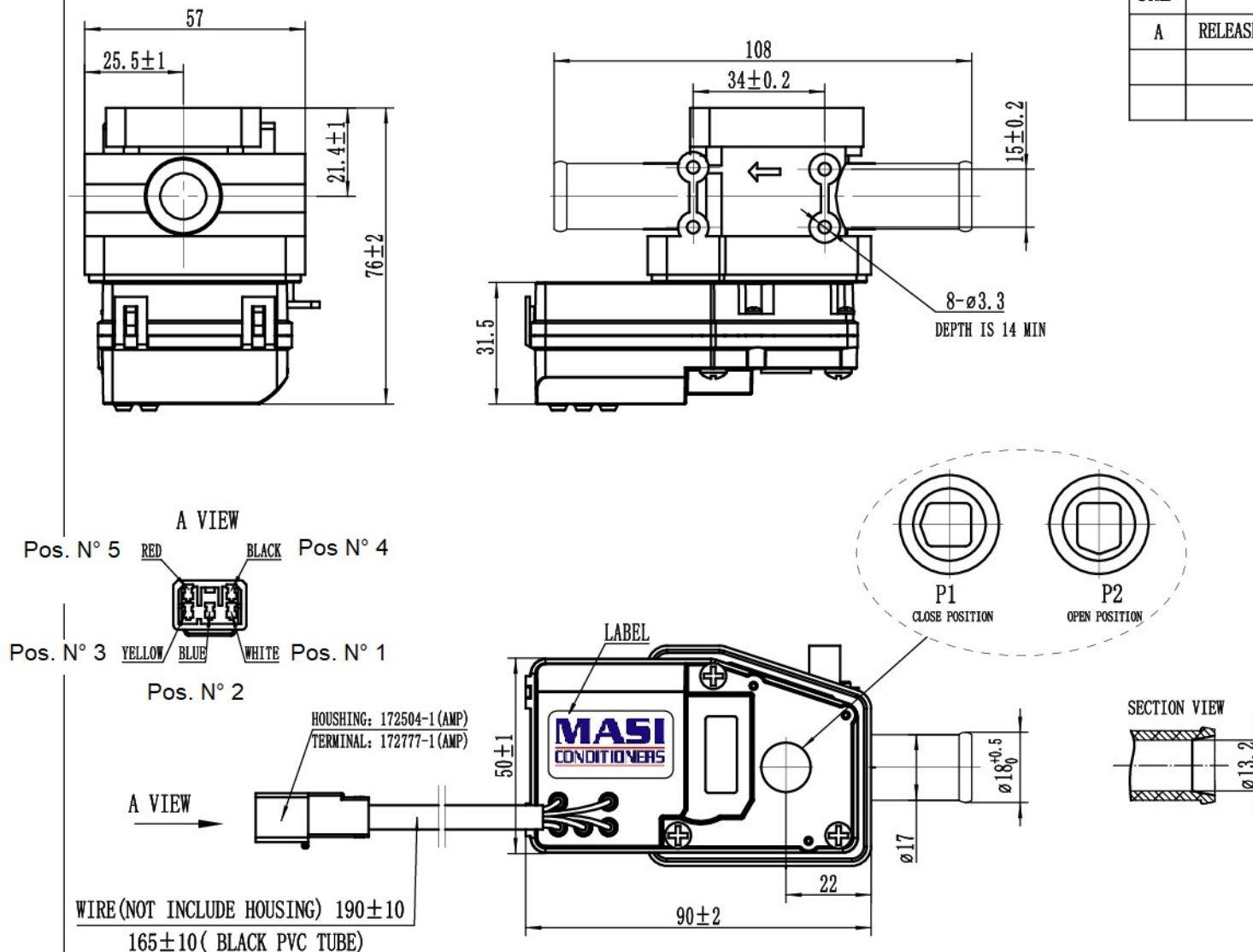
REV: A

SIZE: A4

SCALE: 1:1

DO NOT SCALE
DRAWING

SHEET 1 OF 1



WIRE CONNECTION					DIRECTION OF ROTATION	STOP POSITION	FEEDBACK VOLTAGE (V _f)
RED	BLACK	YELLOW	WHITE	BLUE			
-12V	+12V	+5V	-5V	V _f	CCW	P2 (OPEN)	4.8±0.2
+12V	-12V				CW	P1 (CLOSE)	0.2±0.2

CTF	代表关键尺寸
SC	代表特殊特性
·X·	代表安全特性



DIMENSIONS IN MM [INCHES]
UNLESS OTHERWISE SPECIFIED

.X±.25 [.X±.01]
.XX±.13 [.XX±.005]
.XXX±.025 [.XXX±.0010]
ANGULAR±1°

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