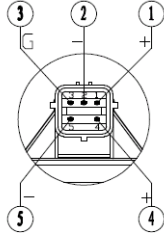
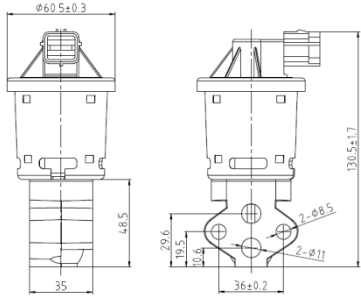
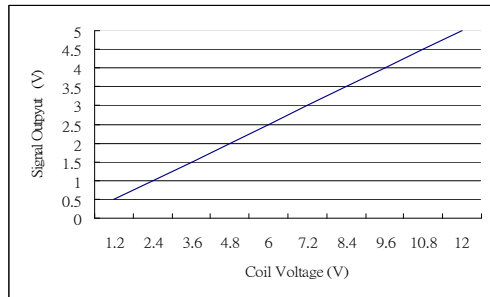


NAME	EV-KR001 Electrical Specifications	NO	EV-1-0-019
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Picture 	Plug  1. +5V 2. Sense Ground (-) 3. Signal Output 4. Coil Voltage (0~12V) 5. Coil Ground (-)
Drawing and Dimension 	Waveform 

TYPE : ☒ Electronmagnetic ☐ Stepper

Parameter	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Min. Output Voltage	V	0.4	0.5	0.6	V
Max. Output Voltage	V	4.3	4.5	4.7	V
Pintle Stroke	L	4.6	5	5.4	mm
Coil Voltage at Full Opening Pintle	V	-	12	-	V
Current Consumption	A	-	-	4	A
Insulation @DC=500V , 25Second		-	Not Break through	-	-
Leakage @ΔP=500hpa		-	-	0.3	Kg/h
Operating Temperature	To	-40	25	125	℃
Linearity		-	±3	-	%
Coil Resistance	Ω	7.4	7.9	8.4	Ω

Repetitive Thermal Shock	The Sensor shall be designed to withstand 10 cycles of -30℃ to 125℃ in 20minutes and 125℃ to -30℃ in 20 minutes .
Vibration Shock	The Sensor shall withstand a vibration according to the following condition without failure or performance degradation . Condition : amplitude acceleration = 15G , vibration frequency = 250Hz , a period of 15 minutes for each of the 3 main axes (x,v,z) , test times = 16 cycle .

2016.1.3		1	蔡建華	臣權	黃鵬	MOBILETRON
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