

Converter

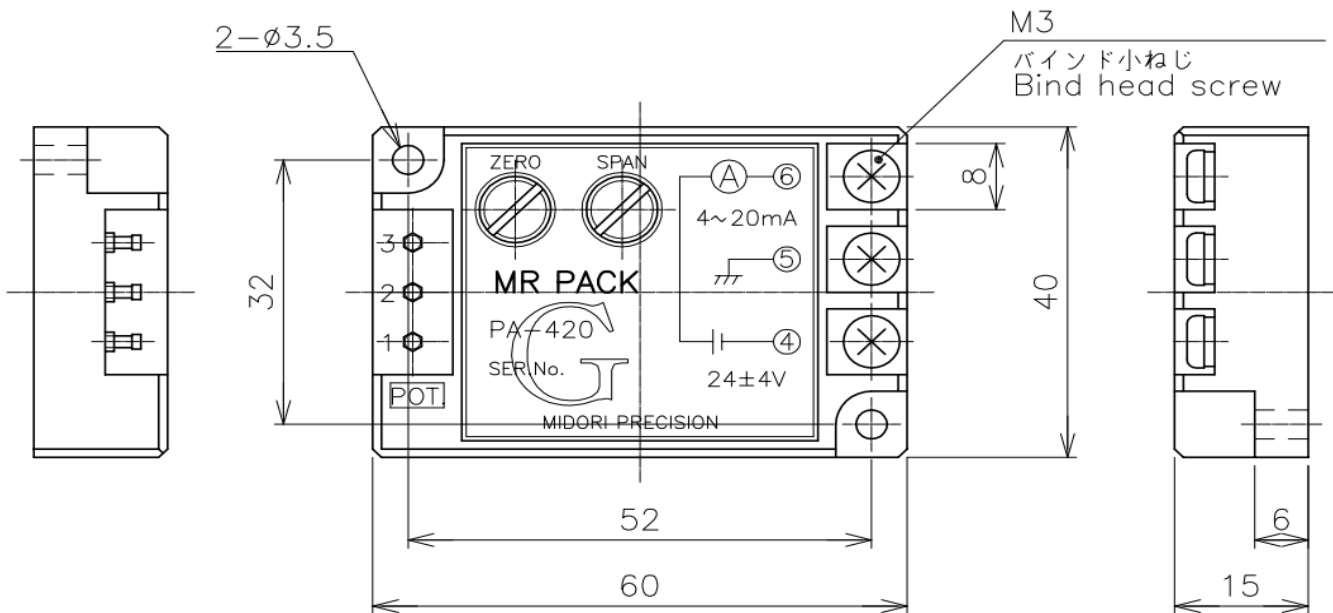
**PA-420 Series**

- Signal transducer package for Blue Pot CP-2UN and CP-2UTN
- Current Output 4~20mA

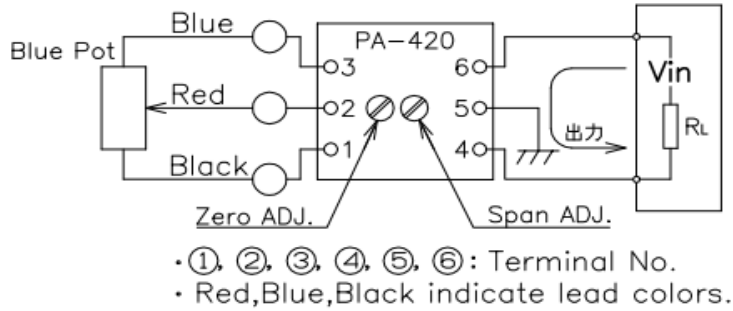
## 【Material】

- Housing : Epoxy resin, Copper Alloy, Nickel plate

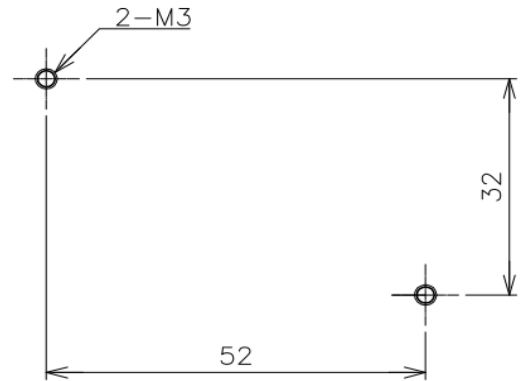
Dimension

 [mm]


### ■ Schematic



### ■ Mounting



<b>【Model No.】</b>	PA-420
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### 【Specifications】

Output	4~20	mA
Supply Voltage	DC24±4	V
Load Impedance( $R_L$ )	MAX. 600 (24V)	$\Omega$
Operating Temp.	-20~70	°C
Adjustable Range	Start Position: 31~47%/Vout of CP-2UN / CP-2UTN End Position: 12~32%/Vout of CP-2UN / CP-2UTN	

### ■ How to use PA-420

1. Adjust output of sensor to a minimum value of measuring range.
2. Start-point Setting: Set output of PA-420 to minimum value to Rotate START ADJ trimmer (ZERO Trimmer).
3. Adjust output of sensor to maximum value of measuring range.
4. End-point Setting: Set output of PA-420 to maximum value to Rotate END ADJ trimmer (SPAN Trimmer).
5. Repeat the process 1...4 until the adjustment is complete.

### ■ Handling Instruction

- Do not use with Blue Pot with built-in amplifier.
- Don't use for Hall-effect sensor or other sensors with IC.
- Don't supply surge voltage into the transducer.
- Should supply DC1.5V into CP-2UN / CP-2UTN.
- When adjusting zero or span, remove their screws with slit, and turn adj. screw on trimmer.