

## ◆ Main Specifications

Model Number	TPV-N040	TPV-N160
Fluid	Water, Pure Water, Chemicals * <sup>1</sup>	
Operating Pressure Range	0 ~ 150 (kPa)	
Compatible Tube Diameter	O.D.3/I.D.1 (mm)	
Compatible Tube Types	Silicone Rubber, PharMed * <sup>2</sup>	
Fluid Temperature	0 ~ 50 (°C)	
Ambient Temperature	0 ~ 50 (°C)	
Ambient Humidity	30 ~ 90 (%)	
Mounting Orientation	at will	
Mass	115 (g)	
Life Cycle/Durability * <sup>3</sup>	2,000,000 (cycles)	
Electrical Specifications		
Working Voltage	12 (V DC)	24 (V DC)
Allowable Voltage Fluctuation	±10 (%)	
Power Consumption	3.6 (W)	
Heat-Resistant Class	Class E (120℃)	

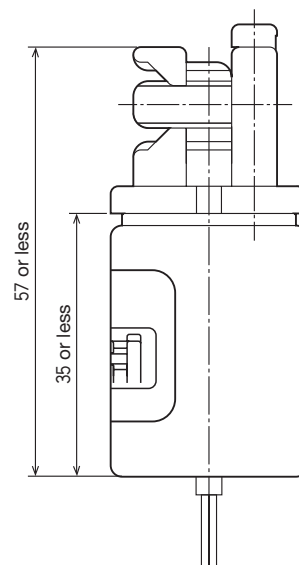
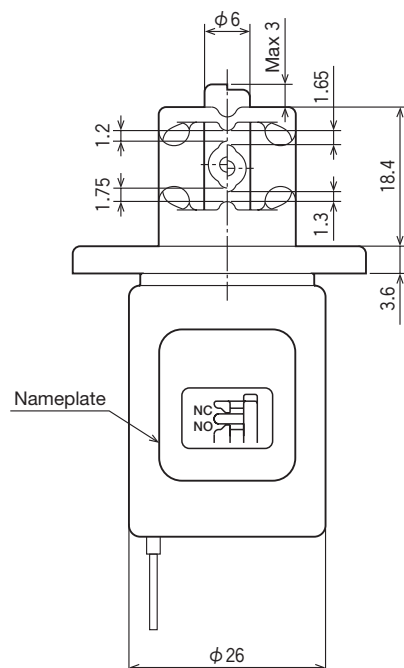
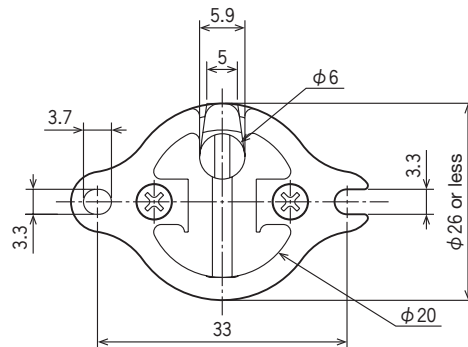
\* 1: please use chemicals that do not corrode the materials used in the wetted part of the valve.

\* 2: PharMed is a registered trademark of Saint-Gobain Performance Plastics Corporation.

\* 3: measurement conditions: measured by Takano Co. in a standard testing environment.



## ◆ External Dimensions (mm)



## Terminal Specifications

Lead Wire Length (mm) : 550  
AWG Size : 28