# TPV Series

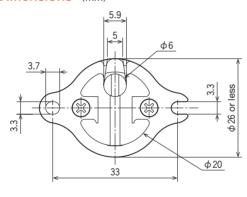
### Main Specifications

Model Number	TPV-N040	TPV-N160
Fluid	Water, Pure Water, Chemicals * 1	
Operating Pressure Range	0~150 (kPa)	
Compatible Tube Diameter	O.D.3/I.D.1 (mm)	
Compatible Tube Types	Silicone Rubber, PharMed*2	
Fluid Temperature	0∼50 (°C)	
Ambient Temperature	0∼50 (°C)	
Ambient Humidity	30~90 (%)	
Mounting Orientation	at will	
Mass	115 (g)	
Life Cycle/Durability *3	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°C)	
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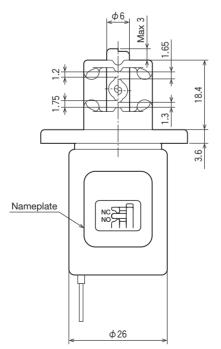


- \* 1: please use chemicals that do not corrode the materials used in the wetted part of the valve. \* 2: PharMed is a registered trademark of Saint-Gobain Performance Plastics Corporation. \* 3: measurement conditions: measured by Takano Co. in a standard testing environment.

## **◆ External Dimensions** (mm)



# 57 or less 35 or less



## **Terminal Specifications**

Lead Wire Length (mm): 500 AWG Size: 28