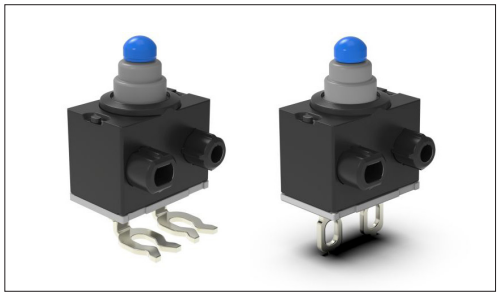
Switches Detector Switches

Water-proof Type

SPVQK Series

High-reliability switch supporting 48V, with excellent resistance to C loads and overcurrent



Automotive | Water-proof Type | Dust-proof Type

- Rating(max.)/(min.)(Resistive load):0.1A 48V DC, 0.1A 16V DC/ 1mA 4.5V DC
- Contact resistance(Initial/After operating life):500mΩ max./1Ω max.
- Operating life without load:300,000 cycles
- Operating life with load Rating(max.)(Resistive load):300,000 cycles 1Ω max.

Applications:Energy_Industrial:Robots, drones,Industrial equipment
Home:Major home appliances
Automotive:Hood Latch (Side/Rear/Door/Gear)

■ Product List

Products No.	Poles	Positions	Operating force	Terminal type	Circuit	Main body form	Dimensions (W×D×H) (mm)	Water-proof	Dust-proof	Automotive	Drawing No.
SPVQK10100	1	1	1.4±0.5N	Press-fit (normal type)	N/O	Boss	5.3×8.3×6.5	●	●	●	1
SPVQK10900	1	1	1.4±0.5N	For Lead	N/O	Boss	5.3×8.3×6.5	●	●	●	2

⚠Note

1. This catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. This unit cannnot be used in water (IP6K7 rating, except for terminal).
3. Please place purchase orders per minimum order unit (integer).
4. This series is a switch developed for automotive applications.
   Please ensure that you receive and read the formal delivery specifications before use.
5. For the Recommended Unit Terminal Shape for Press-Fit Terminals (Normally Open), please check our website.

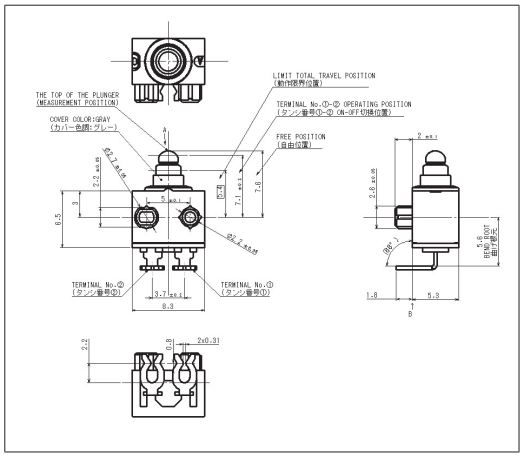
■ Packing Specifications

Tray

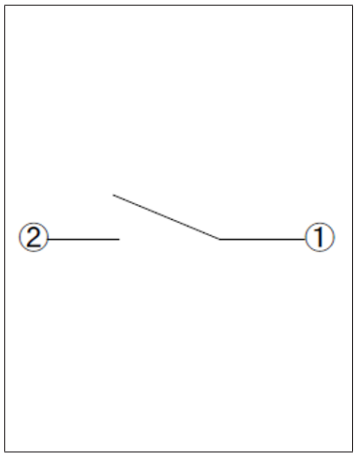
Number of packages(pcs.)		Export package measurements (mm)
1 case / Japan	1 case / export packing	
1,755	7,020	540 x 360 x 270

Drawing No.1

■ Dimensions



■ Circuit Diagram

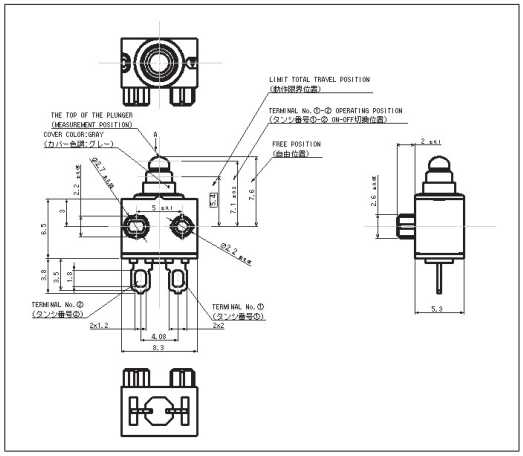
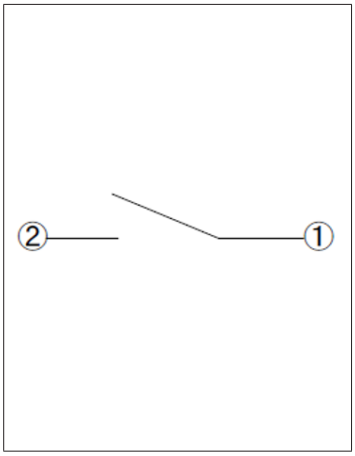


Water-proof Type

SPVQK Series

Drawing No.2

■ Dimensions



■ Circuit Diagram