

Vacuum Switch Diaphragm Type

ZSM1-115/121 Series



Specifications

| Model | ZSM1-115 | ZSM1-121 |
|-------------------------------|--------------------------|-----------------------|
| Switch specifications | Solid state | Contact (Reed switch) |
| Fluid | Air/Inert gas | |
| Max. operating pressure | 0.5 MPa | |
| Regulating pressure range | -27 to -80 kPa | |
| Hysteresis | Max. 15 kPa | Max. 20 kPa |
| Repeatability | ±10% or less | |
| Ambient and fluid temperature | -5 to 60°C (No freezing) | |
| Supply voltage | 4.5 to 28 VDC | 100 VAC/DC or less |
| Indicator light | ON: When output is ON. | |
| Lead wire | 3 | 2 |
| Port size | R 1/8 | |
| Weight | 65 g | |

Electrical Specifications

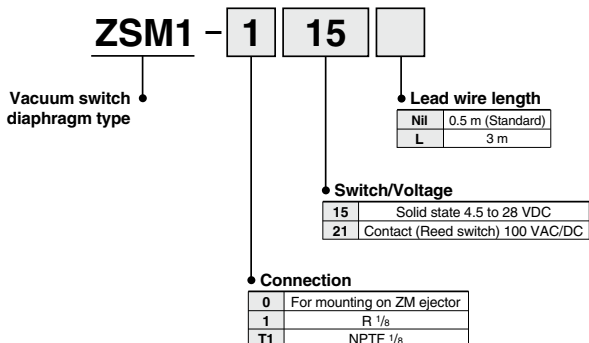
ZSM1-115

| | |
|-------------------------|------------------------|
| Supply voltage | 4.5 to 28 VDC |
| Output (Open collector) | 28 V, Max. 40 mA |
| Current consumption | 10 mA or less (24 VDC) |

ZSM1-121

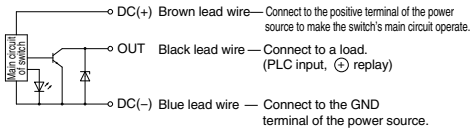
| | |
|------------------------------|--|
| Supply voltage | 100 VAC/DC |
| Max. operating current range | 24 V or less: 50 mA, 48 V: 40 mA, 100 V: 20 mA |
| Max. contact capacity | AC 2 VA, 2 W DC |

How to Order

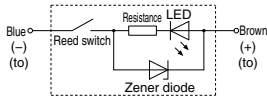


Internal Circuit

ZSM1-115

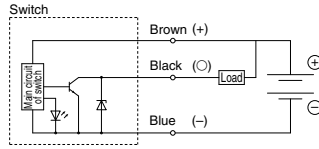


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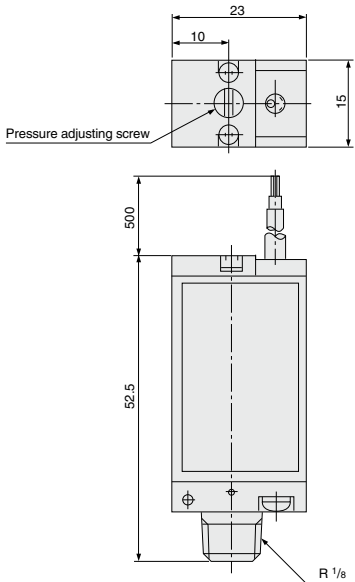


Wiring

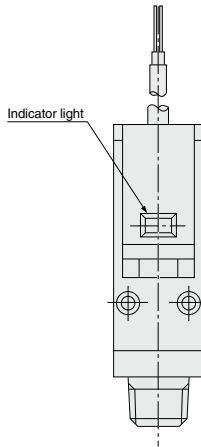
ZSM1-115



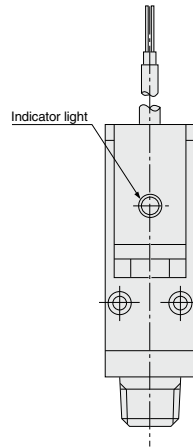
Dimensions



ZSM1-115



ZSM1-121



ZSE20
ISE20

ZSE30
ISE30

ZSE40
ISE40

ZSE10
ISE10

ISE70

ZSE80
ISE80

PS

ISA3

ISA2

ISE35

PSE

IS

ISG

ZSM1