

# Vacuum/pressure switch cube shape

## VS-V-W-D-NPN-K-2C

<https://www.schmalz.com/10.06.02.00421>



Part no.: 10.06.02.00421

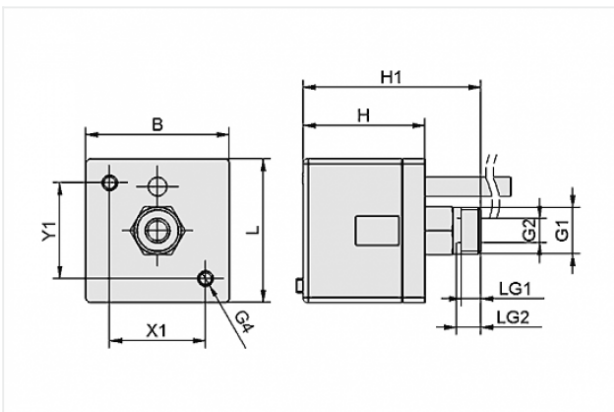
Homepage > Vacuum Technology for Automation > Vacuum Components > Switches and System Monitoring > Electronic Vacuum/Pressure Switches > Vacuum and Pressure Switches VS-V/P-W-D-K(-2C) > VS-V-W-D-NPN-K-2C

## Vacuum/pressure switch in cube shape with display and digital output signals



Measuring range: -1.0 ... 0.0 bar  
 Shape: Cube, digital display  
 Type: Switches to minus  
 Electrical connection: Cable  
 Inputs/outputs: 1 digital  
 Display: Display two-colored

### Design Data



Attribute	Value
B	30 mm
G1	G1/8"-M
G2	M5-F
G4	M3-F
H	25.4 mm
H1	37.1 mm
L	30 mm
LG1	4 mm
LG2	5 mm
X1	20 mm
Y1	20 mm

### Contact to Schmalz

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## Technical Data

Attribute	Value
Measured medium	Non-aggressive gases; dry, oil-free air
Measuring range	-1.0 ... 0.0 bar
Measured-value display	3-digit 7-segment LED
Overpressure resistance	3 bar
Repeatability	± 0.2% of max. set value
Hysteresis	Adjustable: 0 to 100% of set value or comparator mode
Inputs/outputs	1 digital
Switching capacity (max)	125 mA
Electrical connection	Cable
Connection	G1/8"-M
Voltage	12-24V DC
Current consumption	45 mA
Protection	IP 40
Ambient temperature	0 ... 50 °C
Weight	75 g

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## Accessories

### Contact to Schmalz



**BEF-WIN 13x50x31 1.6 VS**

Part no. 10.06.02.00425

Mounting bracket

Width B: 13 mm

Height H: 50 mm

Length L: 31 mm

Wall thickness s: 1.6 mm

for: Vacuum switch



**EINB-RAx8.5x30 VS**

Part no. 10.06.02.00427

Mounting frame

Width: 8.5 mm

Height: 30 mm

for: Vacuum switch