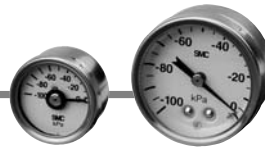
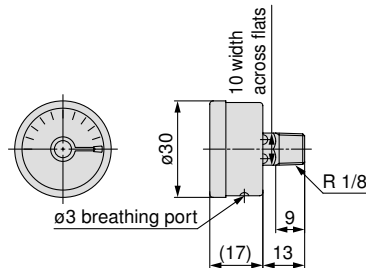


Pressure Gauge for Vacuum



Part no.	GZ33-K-01	GZ43-K-01
Applicable model	IRV10	IRV20
Indicated pressure range	-100 to 0 kPa	
Unit display	kPa	
Scale range	180°	270°

GZ33-K-01

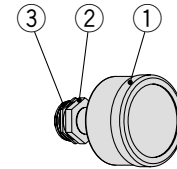


Pressure Gauge GZ33 Assembly P601010-12

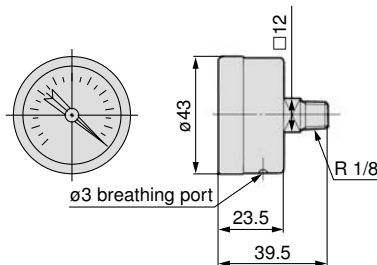
Included Parts

No.	Description
1	Pressure gauge
2	Gauge nut
3	O-ring

* 1 to 3 are assembled before shipment.



GZ43-K-01

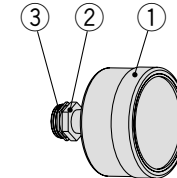


Pressure Gauge GZ43 Assembly P601020-12

Included Parts

No.	Description
1	Pressure gauge
2	Gauge nut
3	O-ring

* 1 to 3 are assembled before shipment.



2-Color Display High Precision Digital Pressure Switch



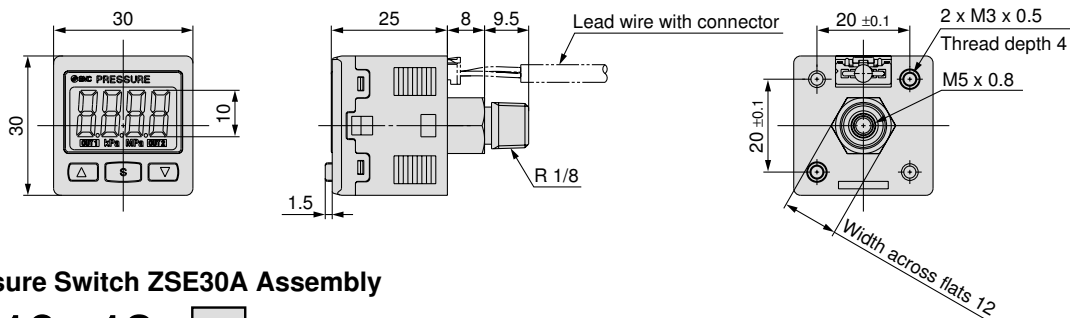
Part No.

Part no.	Applicable model
ZSE30A-01-N-ML (NPN open collector 1 output)	IRV10 IRV20
ZSE30A-01-P-ML (PNP open collector 1 output)	
ZSE30A-01-A-ML (NPN open collector 2 outputs)	
ZSE30A-01-B-ML (PNP open collector 2 outputs)	

Specifications

Refer to SMC catalog CAT.ES100-70 for details.

Model	ZSE30A (Vacuum pressure)
Rated pressure range	0.0 to -101.0 kPa
Set pressure range	10.0 to -105.0 kPa
Proof pressure	500 kPa
Minimum unit setting	0.1 kPa
Applicable fluid	Air, Non-corrosive gas, Non-flammable gas
Power supply voltage	12 to 24 VDC ±10%, Ripple (p-p) 10% or less (With reverse connection protection)
Current consumption	40 mA or less
Switch output	NPN or PNP open collector 1 output, NPN or PNP open collector 2 outputs (Selectable)
Max. load current	80 mA
Max. applied voltage	28 V (With NPN output)
Residual voltage	1 V or less (With load current of 80 mA)
Response time	2.5 ms or less (With anti-chattering function: 20, 100, 500, 1000, 2000 ms selectable)
Short circuit protection	Yes



Digital Pressure Switch ZSE30A Assembly

P601010-13-

Symbol	Digital pressure switch part no.	Digital pressure switch specifications
1	ZSE30A-01-N-ML	NPN open collector 1 output, Lead wire with connector (Length 2 m)
2	ZSE30A-01-P-ML	PNP open collector 1 output, Lead wire with connector (Length 2 m)
3	ZSE30A-01-A-ML	NPN open collector 2 outputs, Lead wire with connector (Length 2 m)
4	ZSE30A-01-B-ML	PNP open collector 2 outputs, Lead wire with connector (Length 2 m)

Included Parts

No.	Description
1	Digital pressure switch
2	Gauge nut
3	O-ring

* 1 to 3 are assembled before shipment.

