

One-Touch Fitting, In-Line Type

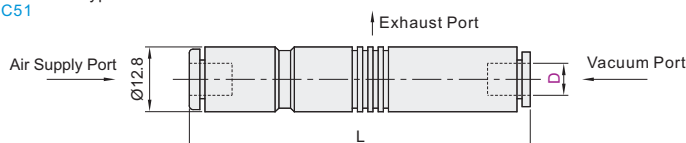
Code	Type
WEC51	In-Line Type High Vacuum Type
WEC56	In-Line Type Large Flow Type

Specification

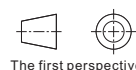
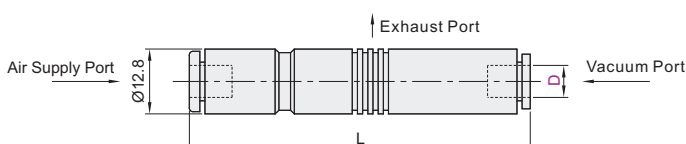
Applicable Fluid	Air
Operating Pressure Range(Mpa)	0.7
Rated Supply Pressure(Mpa)	0.45
Operating Temperature Range(°C)	5~60



High Vacuum Type
WEC51



Large Flow Type
WEC56



The first perspective

Part Number		Nozzle Dia.	L	Ultimate Vacuum (-kPa)	Ultimate Vacuum Flow (l/min)	Flow Consumption (l/min)	Weight (g)
Code	Tube Size D						
WEC51	6	0.5	59	-85	7	10	6.5
		0.7	66	-	12	19	7.0
WEC56	6	0.5	59	-48	12	10	6.5
		0.7	66	-	21	19	7.0



Please order as shown

Part Number	Nozzle Dia.
Code D	
WEC51 6	0.5 0.7

WEC51—D6—0.5



Discount price
Per 1~9 10~
Price 100% Additional quotation



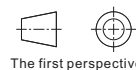
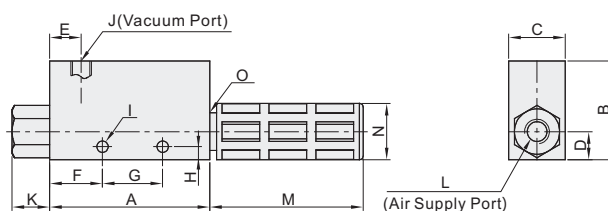
Delivery
6

Standard, Square, External Silencer

Code	Type	Accessories
WED21	Square Standard	External Silencer

Specification

Applicable Fluid	Air
Operating Pressure Range(Mpa)	0.1~1.5(1.0~15kgf/cm ²)
Operating Temperature Range(°C)	0~60
Lubrication	Not Required



The first perspective

Part Number		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Nozzle Dia.	Vacuum -kPa(-mmHG)	Flow Consumption L/min	Air Displacement L/min
Code	No.																			
WED21	5	45	33	16	10	8	14	20	4.5	4.2	G1/8	10	G1/8	30	16	G1/8	0.5	86.7	13	6
	10	63	35	20	11	10	20	25	5	4.5	G1/4	15	G1/4	55	20	G1/4	1.0		44	27
	15	85	40	30	15	13	28	32	7	6	G3/8	20	G1/4	80	30	G1/2	1.5	91.8(690)	100	63
	20																2.0		180	110



Please order as shown

Part Number	A
Code No.	
WED21 5	45

WED21—5



Discount price
Per 1~9 10~
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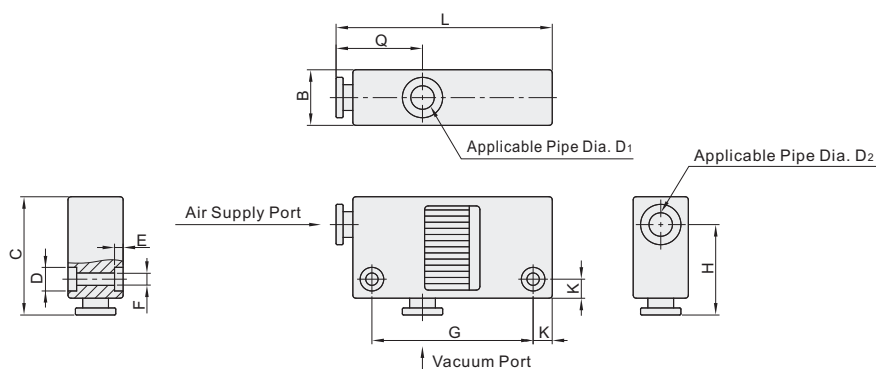
Vacuum Ejector

Square, Built-In Silencer One-Touch Fitting

Code	Type		
WED51	Square	One-Touch Fitting	Built-In Silencer

Specification

Applicable Fluid	Air
Operating Pressure Range(Mpa)	250~600
Rated Supply Pressure(Mpa)	700
Operating Temperature Range(°C)	5~60
Lubrication	Not Required



Part Number Code	Nozzle Dia.	Ultimate Vacuum (kPa)		Tube Size		L	B	C	D	E	F	G	H	Q	K	Ultimate Vacuum Flow (l/min)	Flow Consumption (l/min)
				Vacuum Port D ₁	Air Supply Port D ₂												
WED51	0.5	S	-88	Ø6	Ø6	60	16	31	5.8	2	3.2	47	22	24	5	5	13
		L	-48													8	
	0.7	S	-88			60	16	31	5.8	2	3.2	47	22	24	5	12	23
		L	-48													20	
	1.0	S	-88			63	18	32	5.8	2	3.2	50	23	26	5	24	46
		L	-48													34	
WED51	1.3	S	-88	Ø10	Ø8	78	23	38.5	7.5	3	4.2	61	27.5	28	7	40	78
		L	-48													70	



Please order
as shown

Part Number		Ultimate Vacuum (kPa)	
Code	Nozzle Dia.		
WED51	0.5	S	-88
		L	-48

WED51-0.5-S





Discount price

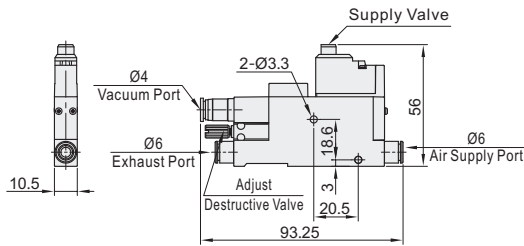
Per	1~9	10~
Price	100%	Additional quotation



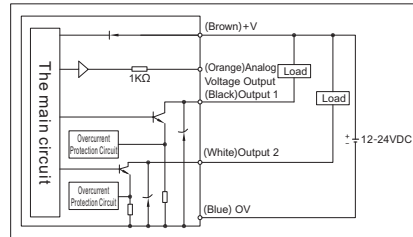
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Multifunctional Vacuum Generators

Code	Type	Standard Accessories
WEF20	with Supply Valve	Vacuum Filters



NPN Open Collector Output



Part Number		Vacuum Characteristic	Vacuum Port	Air Supply Port	Exhaust Port	Ultimate Vacuum (kPa)	Vacuum Flow (L/min)	Air Consumption (L/min)
Code	Nozzle Dia.							
WEF20	0.7	(High-Vacuum Low-Flow Type)	Ø4	Ø6	Ø6	-93	10	18



Part Number	Vacuum Characteristic
Code Nozzle Dia.	
WEF20 0.7	(High-Vacuum Low-Flow Type)

WEF20 - 0.7 - E



Discount price
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Specification

Use Medium	Dry aAir (Cannot be liquid) (please consult for other gases)
Filtration Accuracy	10 µm
Operating Pressure Range	0.3~0.5Mpa
Operating Temperature Range	5~60°C
Operating Vacuum Range	0~-100Kpa
Input Voltage	DC 24V
Use Tube	PU Tube, Nylon Tube

Electromagnetic Valve specifications

Name	Vacuum Valve	Vacuum Release Valve
Operation Method	Direct Operation	
Valve Structure	Direct Acting	
Rated Voltage	DC 24V	
Allowable Voltage Range	±10%	
Limit Circuit	Surge Absorber	
Response Time	4 ms	
Power Consumption	1.2 W	
Manual Operation	Locking Button Structure	
Operation Instructions	When the coil is energized, the red indicator light is on	
Wiring	Red: DC 24V	
	Black: COM	

Pressure Sensors Specification

Pressure Type	Compound Pressure
Output Type	NPN-NO
Rated Pressure Range	(-100 ~ 100 Kpa)
Display and Set Pressure Range	(-101.2 ~ 110 Kpa)
Maximum Pressure	No more than 2 times the rated pressure
Supply Voltage	DC 12 ~ 24V±10%
Consume	50 mA or less
Control Output	Load Voltage: DC 30V or less
	Load Current: below 100mA
Hysteresis	Residual voltage: below 1V
	Minimum display unit
Repeat Error	±0.2% F.S
Response Time	2.5ms, 5ms, 100ms, 500ms, Optional
Short Circuit Protection	Built-in
Analog Output	Output Voltage: DC 1 ~ 5 V ± 2%
	Resolution: 1/200
	Linearity ± 2% F.S or less
Display Method	Output Impedance: 1KΩ
	10: 3 7-segment LED Display

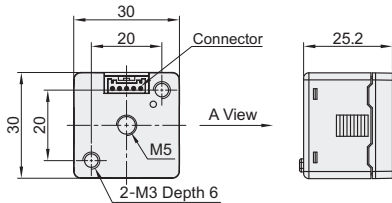
Digital Pressure Sensors

- Low Pressure Type
- High Pressure Type

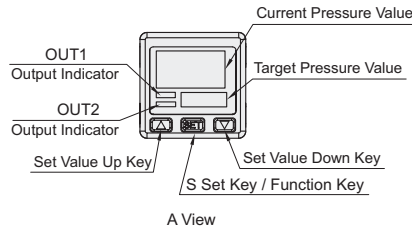
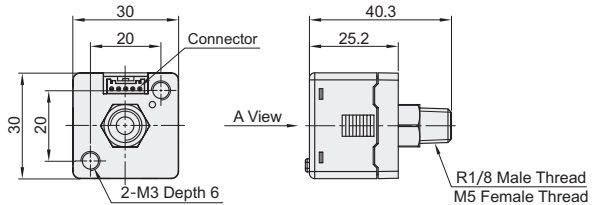
Code	Type	Pressure Range
WEW01	Ordinary Switch	Low Pressure Type
WEW02		High Pressure Type
WEW11	With Analog Output	Low Pressure Type
WEW12		High Pressure Type
WEW21	With 485 Communication	Low Pressure Type
WEW22		High Pressure Type



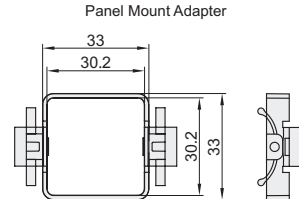
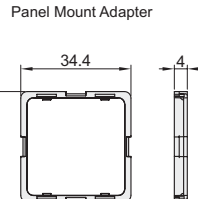
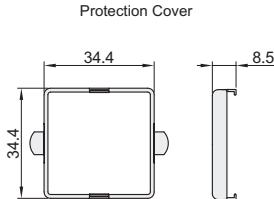
Ordinary Switch
WEW01/02



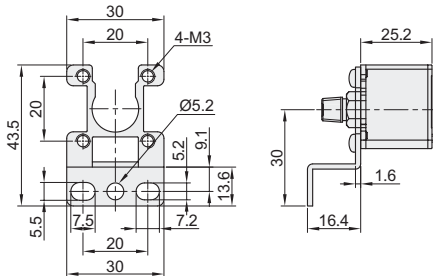
With Analog Output
With 485 Communication
WEW11/12
WEW21/22



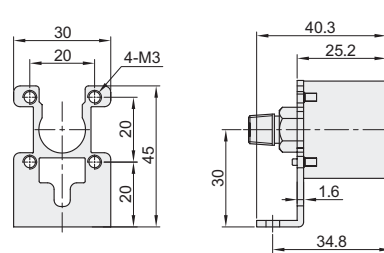
Installation Attachment: **KHR**



Installation Attachment: **KX**



Installation Attachment: **KY**



Part Number	Output Type	Installation Attachments
Code		
WEW01	N(NPN Output 2 Points)	No Designation(No Attachment) KHR(with Panel) KX(Z-shaped bracket with screws) KY(L-shaped bracket with screws)
WEW02		
WEW11		
WEW12		
WEW21		
WEW22		



Please order as shown

Part Number	Output Type	Installation Attachments
Code		
WEW01	N	No Designation
WEW02	N	KHR KX
WEW01-N		
WEW01-N-KX		



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Code	WEW01 (Low Pressure Type)	WEW02 (High Pressure Type)	WEW11 (Low Pressure Type)	WEW12 (High Pressure Type)	WEW21 (Low Pressure Type)	WEW22 (High Pressure Type)
Rated Pressure Range	-101.3 ~ 101.3KPa	-101.1 ~ 1.000MPa	-101.3 ~ 101.3KPa	-101.1 ~ 1.000MPa	-101.3 ~ 101.3KPa	-101.1 ~ 1.000MPa
Set Pressure Range	-101.0 ~ 101.0KPa	-0.100 ~ 1.000MPa	-101.0 ~ 101.0KPa	-0.100 ~ 1.000MPa	-101.0 ~ 101.0KPa	-0.100 ~ 1.000MPa
Maximum Pressure	500KPa	1.5MPa	500KPa	1.5MPa	500KPa	1.5MPa
Applicable Gas	Non corrosive gas, Non combustible gas, Meets the ISO 8573-1:2010 (7:4:4)					
Power Supply Voltage	12 ~ 24V DC±10%					
Current Consumption	45 mA the following (No load)					
Comparison Output	NPN open collector output Maximum load current:100mA					
	Maximum supply voltage:30V DC Internal pressure drop:below 1.5V					
Analog Voltage Output	No		Output voltage: 1 ~ 5 V±2.5% F.S. Linearity :±1% F.S. Output impedance: approximately 1KΩ		No	
Analog Current Output	No		Output current: 4 ~ 20 mA±2.5% F.S. Linearity: ±1% F.S. Load impedance: Minimum 50Ω Maximum 300 Ω@12 V;600 Ω@24V		No	
MODBUS Function	No		No		Yes	
Display Accuracy	±1%F.S.					
	±1digits(Operating Temperature 25±10 °C)					
Repeatability	±0.2 %F.S. ±2 digits					
Response Time	2.0 ms,50 ms,100 ms, 250 ms,500 ms,2000 ms Optional		1 ms 2.0 ms,50 ms,100 ms, 250 ms,500 ms,2000 ms Optional		2.0 ms,50 ms,100 ms, 250 ms,500 ms,2000 ms Optional	
Display	3-color(red/orange/yellow-green)display(sampling rate:4 times/sec)					
Temperature Characteristics	Within 1 % F.S., Comparison reference temperature 25°C(within 0-50°C temperature range)					
Use Environment	(0 ~ 50°C)No dew condensation or icing allowed: 35 ~ 85%RH(Anhydrous dew)					
Pressure Port	M5 Female Thread		R1/8+M5 Female Thread		R1/8+M5 Female Thread	

485 Communication Series

- Standard RS485 communication protocol, simple debugging;
- Support up to 32 units of Unicom to easily realize the industrial Internet.

