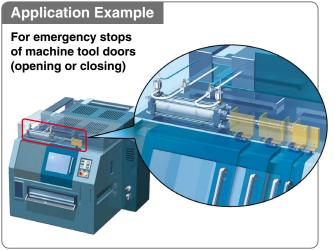
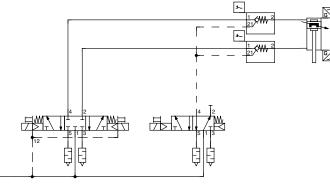
Specialized Product **PG**. information







Circuit Example



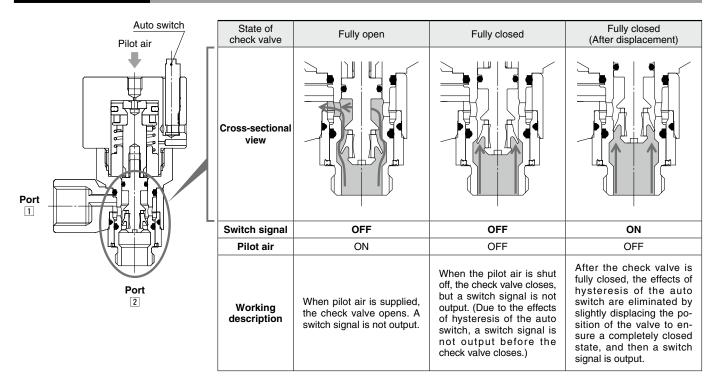
Cylinder emergency stop

Caution To ensure the safest possible operation of this product, please be sure to thoroughly read the "Safety Instructions" in our "Best Pneumatics" catalog before use.



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Working Principle



Specifications

Fluid		Air				
Operating pressure ra	nge	0.1 to 0.7 MPa				
Pilot check valve operating pressure	XT34-303-M5	50% or more of the operating pressure (0.25 MPa or more)				
	XT34-303-F01 to F04	60% or more of the operating pressur (0.35 MPa or more)				
Ambient and fluid tem	peratures	-5 to 60°C (No freezing)				

Connector specification

Pin arrangement	Pin no. and designation					
1 4	1	2				
	DC (+)					
3	3	4				
	DC (–)	OUT				

Flow Rate Characteristics

Flow direction	Model	XT34-303-M5	XT34-303-F01	XT34-303-F02	XT34-303-F03	XT34-303-F04	
Flow rate [L/min (ANR)]	$1 \rightarrow 2$	30	160	390	600	1300	
	$2 \rightarrow 1$	65	270	430	960	1100	
Sonic conductance C [dm³/(s·bar)]	1 → 2	0.1	0.4	1.1	1.7	3.6	
	2 → 1	0.2	0.8	1.2	2.7	3.1	
Critical pressure ratio b	1 → 2	0.2	0.2	0.2	0.3	0.3	
	$2 \rightarrow 1$	0.1	0.3	0.1	0.3	0.3	

* Flow rate values are measured at 0.5 MPa and 20°C.

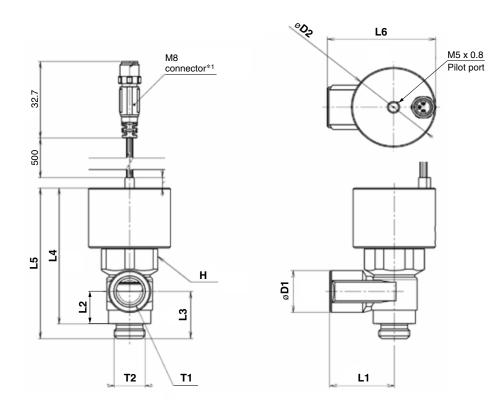
How to Order

XT

34-303-M	15		
	• Port	size	
	Symbol	Port size	Pilot port
	M5	M5	
	F01	G1/8	
	F02	G1/4	M5 x 0.8
	F03	G3/8	
	F04	G1/2	

Dimensions

[mm]



Model	T1	T2	Н	D1	D2	L1	L2	L3	L4	L5	L6
XT34-303-M5*2	M5 x 0.8	M5 x 0.8	9	—	24	10	7	—	51	55.2	_
XT34-303-F01*3	G1/8	G1/8	19	14.3	30	18	—	17.5	55.4	60.6	33.5
XT34-303-F02*4	G1/4	G1/4	24	18	35	27.5	—	20.2	57.6	63.9	45
XT34-303-F03*5	G3/8	G3/8	27	22.6	40	30.5	_	23.6	65.6	71.5	50.8
XT34-303-F04*6	G1/2	G1/2	36	27.5	44	39	—	30.4	82.1	89.6	61

*1 The solid state auto switch is a 3-wire PNP type with a 500 mm lead wire and an M8 connector.

*2 First, tighten it by hand, and then give it an additional 1/6 to 1/4 turn with a wrench. The reference value for the tightening torque is 1 to 1.5 N·m.

*3 First, tighten it by hand, and then use a wrench to tighten it an additional 10 to 20 degrees. The reference value for the tightening torque is 3 to 4 N-m.

*4 First, tighten it by hand, and then use a wrench to tighten it an additional 15 to 35 degrees. The reference value for the tightening torque is 4 to 5 N·m.

*5 First, tighten it by hand, and then use a wrench to tighten it an additional 15 to 35 degrees. The reference value for the tightening torque is 8 to 9 N·m.

*6 First, tighten it by hand, and then use a wrench to tighten it an additional 15 to 35 degrees. The reference value for the tightening torque is 14 to 15 N·m.