

AND valves

Standard series

Valve M5

Function

This valve intercepts a continuous signal, so that the continuous signal at the input connection 1 generates only a short pulse at the outlet 2. A signal received at 1 flows to the outlet 2. After the pulse, the pressure generated in the valve switches over the piston. Connection 1 is blocked, outlet 2 vents after 3

Material

Body: anodized aluminium, internal parts: aluminium, brass and stainless steel. Seals: plastic and NBR

Media

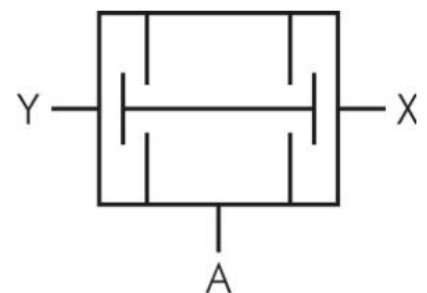
Oiled and oil-free, filtered compressed air

Temperature range

-10°C to max. +70°C

Operation

A signal appears at output A only if a signal is active at both inputs simultaneously. At different pressures, the lowest pressure goes to output A. The AND valve has no self-ventilation as a passive element. After deleting one or both input signals, ventilation takes place via the upstream valves.



Article number	Optimal flow	Model series	Thread	Nominal width	Temperature range	Weight
EN25S	100 l/min	Standard	M5	2.5	-10°C to +60°C	34 g
EN18S	100 l/min	Standard	G 1/8"	2.5	-10°C to +60°C	30 g
EN25	160 l/min	Precision	M5	3.2	-10°C to +70°C	27 g
EN18	280 l/min	Precision	G 1/8"	4.0	-10°C to +70°C	34 g