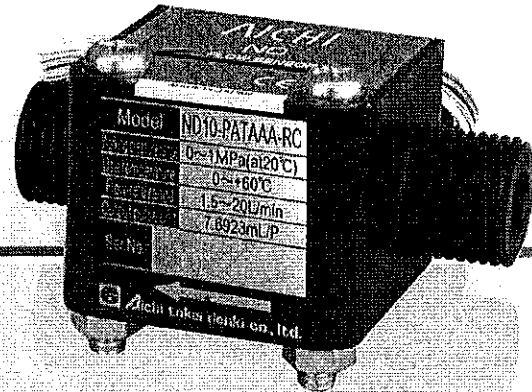




ND Series

Flow Sensor



- Highly accurate over a wide measurement range
- Simple and durable structure
- Compact and lightweight
- Excellent cost-performance
- High sensitive high-density pulse output



Overview

Model	ND05 - TATAAA ND05 - PATAAC	ND05 - NATAAC	ND10 - TATAAA	ND10 - PATAAA	ND10 - NATAAA	ND20 - PATAAA	ND20 - NATAAA
Flow range	0.3 to 3 L/min		1.0 to 10L/min	1.5 to 20L/min		3.0 to 60L/min	
Accuracy(Standard installation position)	±2% FS						
Pulse unit	2.5mL/P		7.69mL/P			25mL/P	
Pressure loss	12 kPa or less (At 3L/min)		15 kPa or less (At 10L/min)	20 kPa or less (At 20L/min)		60 kPa or less (At 60L/min)	
Operating temperature range	0 to +60°C	0 to +70°C	0 to +60°C		0 to +70°C	0 to +60°C	0 to +70°C
Connection	R 1/2"					R 3/4"	
Maximum working pressure	1 MPa with a fluid temperature of +20°C						
Viscosity	0.5 to 1.5 mPa·s						
Output signal	Open collector pulse 4-wires. Reed-wire length approx. 600mm Duty ratio 3/7 < A/B < 7/3						
Power supply	3 to 15 V DC						
Ambient temperature	-20°C to +80°C (Freezing must be avoided)						
Weight (Approx.)	150g		120g			360g	