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Ink FLOW METER (CE-132)

technical DATA Sheet

Material of construction:

Enclosure : Aluminum anodize/S.S-304/S.S-316

Rotor : Aluminum anodize/S.S-316/PPS

O-ring : NBR/Viton

Shaft : Hard Stainless Steel-316

Maximum working pressure: 10MPa (35~85%RH)

Viscosity range :- 0.612-5.35 mm²/s

Fluid & Ambient temperature: -40 to 80 °C

Power voltage: 5 - 24V DC

Output signal: NPN

Output:

High electric level : less than 4.5 VDC(input voltage 5 VDC)

Low electric level : higher than 0.5 VDC(input voltage 5 VDC)

Connection: Thread (M/F) or flange



Application:

Aluminum body and rotor : Flow measurements of Ink S.S. body and rotor

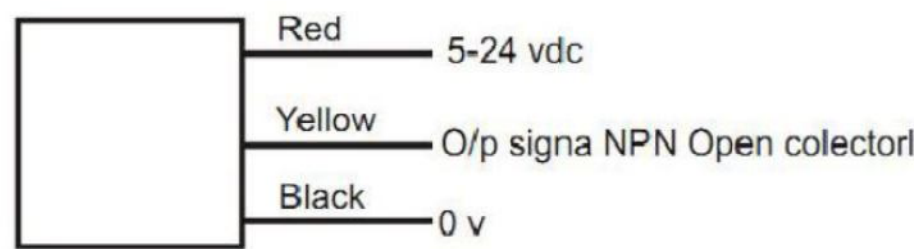
: Flow measurements of Pharmaceutical drug, Ink, and all application.



Flow range		Liter/Pulse
006	(5~150L/H)	0.000661
008	(20~300L/H)	0.0025
010	(50~800L/H)	0.0025
015	(80~1,500L/H)	0.0085
020	(150~2,000L/H)	0.0154
025	(200~4,000L/H)	0.0256
040	(500~10,000L/H)	0.086
050	(600~20,000L/H)	0.19
065	(800~30,000L/H)	0.36
080	(1,000~50,000L/H)	0.54
100	(2,000~100,000L/H)	1.0
150	(5,000~150,000L/H)	3.2

Electric connection

RS : 4,500
EXTRA FOR DISPLAY



Calibration:

Calibration process

- *Calibrated each flow sensor with three pressure point : 0.5 bar, 4 bar, and 25 bar ,
- *all pressure calculate pulse/litter at : 25%, 50%, 75% and 100% flow rate
- *Calibrated with pure diesel

