

Pressure Sensor



Use

- For IM-12
- Measurement of spray pressure, cooling water pressure, air pressure and hydraulic circuit pressure.

Characteristics

- Voltage (current) output, internal amplifier
- High precision
- High durability
- IM-12 adaptable type is ESV(surge and vibration resistant).
- Surge resistant adaptor is available.

Specification

Item \ Model	ESV/SSV/STV
Excessive Pressure	1.5 times the max. measured pressure
Max. Temperature	80°C
Power	DC12~32V(DC24V)
Output	DC1~5V(4~20mA)

Standard List

Use	Model	Type	Max. Measured Pressure MPa	Connection
IM-12 adaptable type	ESV	500A	49	Exclusive Adaptor (Rc1/2)
Medium Pressure	SSV (SSI)	035MP	35	
		021MP	21	
		010MP	10	
		005MP	5	
Low Pressure	STV (STI)	003MP	3	R1/4
		001MP	1	
		500KP	0.5	
		300KP	0.3	
		100KP	0.1	
Compound Pressure (Negative Pressure)	STVC (STIC)	050KP	0.05	
		020KP	0.02	
		100KP	-0.1~0.1	
		300KP	-0.1~0.3	
		500KP	-0.1~0.5	

※Vibration type-resistant

For other specification, please contact us.

- Current output type is available. ():Current output type.

Example of order code designation

Model — Type

ESV — 500A

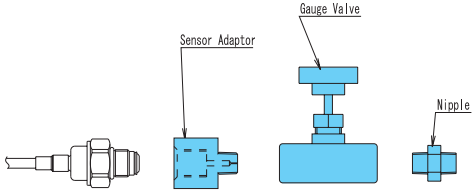
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● Exclusive Adaptors (Sold Separately)

- Surge resistant adaptor

Orifice is internally provided to resist the injection surge pressure.

Model	IMPH-MS	
Connect Dia.	G3/8(Sensor Side)-Rc1/4(Machine Side)	
Contents	Sensor Adaptor	1
	Gage Valve	1
	Nipple (R1/4)	1



The image shows three technical drawings of the components listed in the table. From left to right: a sensor adaptor (a small cylindrical part with a threaded end), a gauge valve (a larger cylindrical part with a top flange and a central valve), and a nipple (a small cylindrical part with threaded ends). Labels with arrows point to each component: 'Sensor Adaptor', 'Gauge Valve', and 'Nipple'.

● Example of order code designation

Model

IMPH-MS