

- Indicators alert us to status on clogging of filter element visually or by electric signals detecting differential pressure in inlet and outlet ports of oil.
(Some models detect one port only, inlet or outlet port.)
- Indicators for micro capacity in electric contact (under 100mA/AC100V,160mA/DC5V) are available in additional option.
- O-rings and others are different depending on fluid type. Please contact us for detail.
- G(PF) 1/2 price-tube is connectable to DIN connector, wire outlet.
Indicators can be set in different direction at every 90 degrees.
- Material of dust cover is plastic.
- Micro switch and DIN connector used for Electric Contact Type conform with following specifications.※1
UL spec., CSA spec., CE mark for DIN connector only (Except pressure switch for TRF models.)

Specification

Applicable To	Model No.	Type	Pressure Indication		Dimensions	O-rings	Remarks
			Start of red	All red			
VN	ID-02	Visual 【Manual reset】	0.012MPa	0.02MPa		① JIS B2401.1A P-18	Standard options
	ED-02 (ED-02D)	Electric 【Automatic reset】 (micro capacity under 100mA)	0.02MPa				With visual signal DIN connector Code : IEC529(EN60529) IP65 Conform with UL and CSA spec. ※1
VM TSF	UG	Visual	-100kPa to 0kPa			-	Pressure gauge type (Secondary pressure detection)
	EG-03 (EG-03D)	Electric 【Automatic reset】 (micro capacity under 100mA)	0.03MPa				Pressure switch type (Secondary pressure detection) DIN connector Code : IEC529(EN60529) IP65 Conform with UL and CSA spec. ※1
ISH	U4-02	Visual 【Manual reset】	-	0.02MPa		① JIS B2401.1A P-18	Standard options
	E4-02 (E4-02D)	Electric 【Automatic reset】 (micro capacity under 100mA)	0.02MPa				With visual signal DIN connector Code : IEC529(EN60529) IP65 Conform with UL and CSA spec. ※1

Specifications of Electric Contacts	Contact Capacity ☆Excluded Micro capacity		Configuration of contacts : 1C	
	Resistance	3A, 250V AC	ED-02(D), EA-3(D), EF-3/7(D), EH-3/7(D)	
Inductive	3A, 30V DC	EG-03(D), E4-02(D)		
	2A, 250V AC			
	2A, 250V DC			

Applicable To	Model No.	Type	Pressure Indication		Dimensions	O-rings	Remarks
			Start of red	Fully red			
351/352 UL, UM TL LCN COS-H UR 107 FP-1500S -1010 ※2	IA-3	Visual 【Automatic reset】	0.2MPa	0.3MPa		① JIS B2401.1B P-18	
	EA-3 (EA-3D)	Electric 【Automatic reset】 (micro capacity under 100mA)	0.3MPa				② JIS B2401.1A P-14
UH TM 3501/3502 SH GM GF MVF	IF-3	Visual 【Automatic reset】	0.2MPa	0.3MPa		① JIS B2401.1B P-18	
	IF-7		For high differential pressure elements 0.2MPa 0.7MPa				
	EF-3 (EF-3D)	Electric 【Automatic reset】 (micro capacity under 100mA)	0.3MPa			② JIS B2401.1A P-14	With visual signal DIN connector Code : IEC529(EN60529) IP65
	EF-7 (EF-7D)		For high differential pressure elements 0.7MPa				Conform with UL and CSA spec. ※1
GC 4201	IH-3	Visual 【Automatic reset】	0.2MPa	0.3MPa		① JIS B2401.1B P-22	
	IH-7		For high differential pressure elements 0.2MPa 0.7MPa				② JIS
	EH-3 (EH-3D)	Electric 【Automatic reset】 (micro capacity under 100mA)	0.3MPa			B2407, T2 P-22 BUR	With visual signal DIN connector Code : IEC529(EN60529) IP65
	EH-7 (EH-7D)		For high differential pressure elements 0.7MPa				③ JIS B2401.1A P-16
TRF	UT-4	Visual	0MPa to 1MPa (Start of red: above 0.3MPa)			-	Pressure gauge type (Primary pressure detection)
	Exclusive used type TRF	Electric 【Automatic reset】	0.3MPa				Pressure switch type (Primary pressure detection)
TR CF	UT-1	Visual	0MPa to 1MPa			-	Pressure gauge type TR : Primary pressure detection CF : Primary and secondary pressures can be detected depending on installation
FP-400Z	UT-3	Visual	0MPa to 1MPa (Start of red: above 0.3MPa)				Pressure gauge type (Primary pressure detection) Standard options