



- Aluminum alloy body with stainless steel wire element, indicator and relief valve.
- Horizontal installation type, no need for space above filter body to take out element.
- Element is taken out horizontally, no need for space above filter body.
- Clogging of filter element can be checked by indicator.
- Built-in relief valve ensures oil flow to pump.
- U type indicator is provided as standard. Micro switch and magnet are available under additional options.
- Indicating pressure difference
Green (start of red): 0.02 MPa
- Please contact us for use of fluids other than mineral oil on packing, O-rings and other parts.

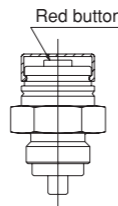
Caution No features for air-bleeding due to filter's design. Use this filter only in suction line where no air bubble accumulation occurs.

Indicator

■ U type indicator (Visual)

Code	U
Model	U4-02

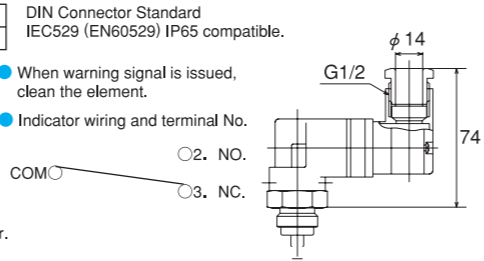
- Indicating differential pressure
Red button pops out: 0.02 MPa
- U type indicator remains indication even a pump shut down.
- Push in the red button with a finger to reset the indicator.
- When the red indication appears, clean the element soon.



■ E type indicator (Electric contact)

Code	E
Model	E4-02

- Indicating differential pressure
Switch actuating pressure: 0.02 MPa
- Wire outlet uses DIN connector and price-tube of G(PF)1/2 can also be installed.
- DIN connector allows wire outlet to be set in any direction at intervals of 90 degrees.
- Terminal block is provided in DIN connector.
- E type indicator is auto reset.

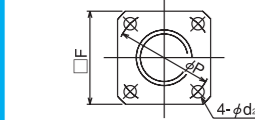
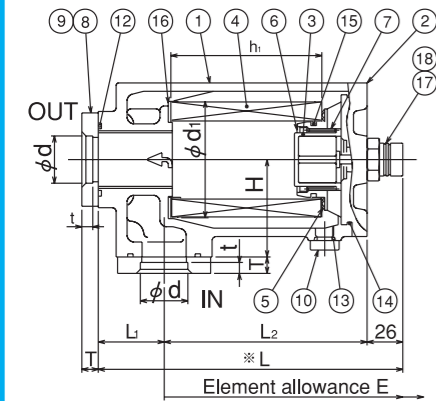


O-ring and Packing

Part No.	12	13	14	15	16	18
Model						
ISH-03A	G30		G65	G35	t2X φ 65/φ 40	
ISH-04A		P11				
ISH-06A	G45		G90	G50	t2X φ 85/φ 55	
ISH-08A						P18
ISH-10A	G55		G100	G65	t2X φ 100/φ 70	
ISH-12A		P14				
ISH-16A	G70		G125	G80	t2X φ 120/φ 85	
ISH-20A						
ISH-24A	G95		G145	G100	t2X φ 140/φ 105	

Part List

Part No.	Part Name	Material	Qty	Remarks
18	O-ring	NBR	1	JISB 2401.1A
17	Indicator		1	
16	Packing	NBR	1	
15	O-ring	NBR	1	JISB 2401.1A
14	O-ring	NBR	1	φ
13	O-ring	NBR	1	φ
12	O-ring	NBR	2	JISB 2401.1A
11	Cap bolt	SCM	4	
10	Drain plug	SCM	1	
9	Bolt	SS	8	
8	Companion flange	SS400	2	
7	Spring	SWPA	1	
6	Stop ring	SS	1	
5	Wave washer	SK	1	
4	Element		1	
3	Relief valve	CAC406	1	
2	Cover	ADC12	1	
1	Body	AC2B	1	

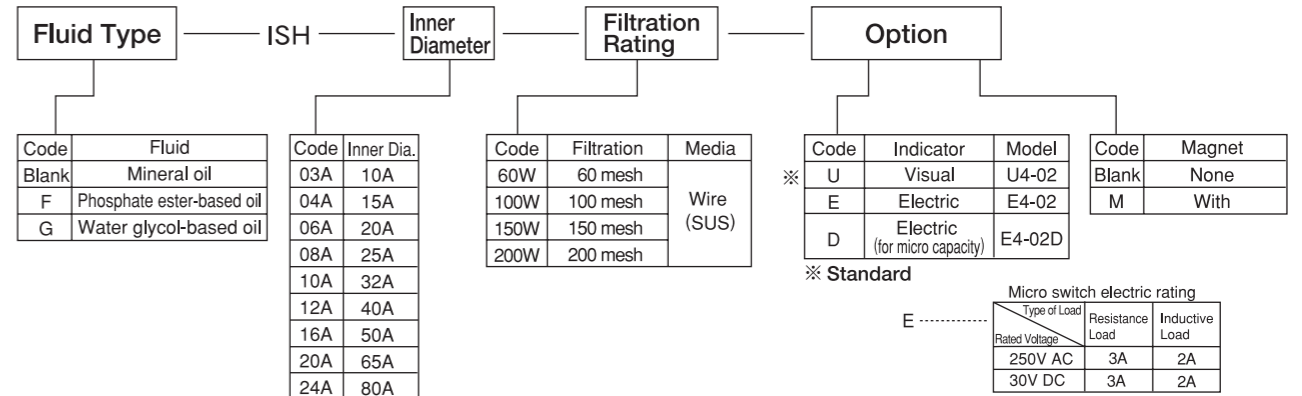


Dimensions and Standard Flow Rates

Model	Symbol	Inner Dia.	L	L ₁	L ₂	H	D	Flange						Bolt d ₃	Element Allowance E	Element h ₁	Element d ₁	Mass (kg)	Standard Flow Rate (l/min)
								d	F	P	T	t	d ₂						
ISH-03A	10A	192	43	123	58	90	18	60	56	12	8	9	M8	300	90	65	2.9	15.4	
ISH-04A	15A	222	48	148	71	112	22	68	70	12	8	9	M8	340	110	85	4.0	27	
ISH-06A	20A	283	57	200	85	138	27.5	82	86	14	9	11	M10	450	160	100	6.4	44	
ISH-08A	25A	319	64	229	100	156	34.5	96	102	14	9	14	M12	510	180	120	8.6	92	
ISH-10A	32A	370	79	265	113	180	43	122	130	20	14	14	M12	580	200	140	13.3	130	
ISH-12A	40A						49											150	
ISH-16A	50A						61.1											210	
ISH-20A	65A						77											420	
ISH-24A	80A						90											475	

※ Add 48 mm to the dimension "L" when E(D) type indicator is installed.

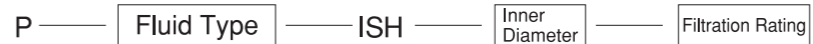
Model Code



Coding Example F-ISH-08A-100W-E

Spares

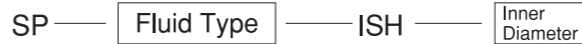
Element



Coding example: P-F-ISH-08A-100W

Sealing parts set

● For element replacement (Part No. with © in "O-ring and packing".)



Coding example: SP-F-ISH-08A

● For overhaul



Coding example: SA-F-ISH-08A

Flow Rate Chart

- ISO VG32
- Viscosity: 32 cSt (40°C)

