General Specifications

ISC40□J Inductive Conductivity Sensors ISC40F□J Holders and Adapters

GS 12D06B01-01E

GENERAL

The ISC40 \Box J sensors are designed for use with the FLXATM202/FLXATM212-wire Analyzer or FLXATM4024-wire Converter. This combination exceeds all expectations for conductivity measurement in terms of reliability, accuracy, rangeability and price performance.

This innovative inductive conductivity sensor provides highly accurate measurements over a wide measuring range (1 μ S/cm to 1999 mS/cm) and process temperature range (-10 to 130°C, -10 to 90°C for ISC40SJ-TW) without changing the cell constant and conducting recalibration.

The erosion/abrasion resistant PEEK (Poly Ether Ether Ketone), which also features excellent chemical resistance in all solutions except Fluoric Acid or Oxidizing Concentrated Acids.

The PEEK sensor is provided with a rugged Stainless Steel mounting thread/nut/ gasket combination for ultimate flexibility in installation using bulk head installation technique. There is also a wide range of holders and options available for reliable in-line or off-line installation with double O-ring seals for long service life of the sensor.

The ISC40 J have a large bore for optimal resistance to fouling processes and when properly installed, the flow will keep the sensor clean, to help avoid measuring errors.

FEATURES

- Inductive Conductivity technique for elimination of fouling and polarization errors.
- · Wide bore sensors for long term stability.
- Installation flexibility due to wide range of holders and due to the use of universal bulkhead construction.
- A single sensor can maintain the high resolution and accuracy, and measure the conductivity in an extremely brood range.
 Minimum span: 100 μS/cm
 Maximum span: 1999 mS/cm



APPLICATIONS

- All applications where severe electrode fouling prevents the use of contacting electrodes.
- All ranges except (ultra) pure water applications.
 All slurry applications where conventional systems
- All slurry applications where conventional systems suffer from plugging or erosion.
- All applications where the 6 decade rangeability is necessary for accurate process control.

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Please select appropriate equipment in accordance with the laws and regulations of the relevant country/region, when it is used in a location where explosive atmospheres may be present.

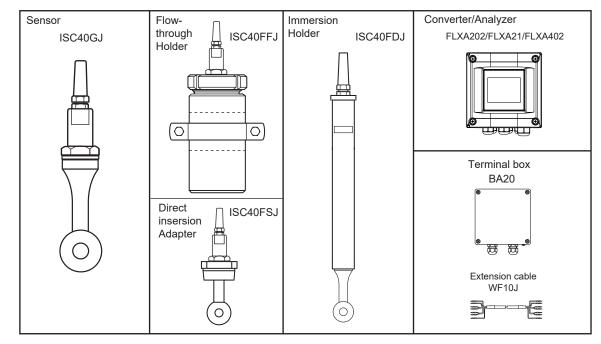


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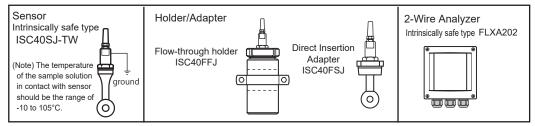
■ SYSTEM CONFIGURATION

Refer to GS 12A01A03-01EN for the FLXA202, GS 12A01A02-01E for the FLXA21, GS 12A01F01-01EN for the FLXA402.

Non-explosionproof System



Explosionproof System (FLXA202 + ISC40SJ-TW)



■ GENERAL SPECIFICATION

1.

1. ISC40□J Inductive Conductivity Sensor	
Compatibility:	
ISC40GJ is compatible with FLXA202/	
FLXA21 2-wire Analyzer, FLXA402 4-wire	
Converter.	
ISC40SJ-TW is compatible with FLXA202	
2-wire Analyzer.	
Measuring range: 1 µS/cm to 1999 ms/cm	
Output span: Minimum 100 µS/cm	
Maximum 1999 mS/cm	
Process temperature:	
-10 to 130°C for continuous exposure.	
Suitable for steam-sterilisable applications.	
Process pressure:	
Dependent on installation; but <2 MPa (300	
psi).	
Note: Process temperature and pressure depend on specification of holders and adapters.	
Process flow: Maximum 5 m/s.	

	PEEK (Po	bly Ether Ether Ketone).
O-ring;		ober (FKM) or ethylene copolymer rubber.
Adapter (o	ptional);	Stainless steel (316 SS) or PVC or PVDF.
Non-wetted	materials:	
Sensor three	ead;Stainle	ess steel (304 SS).
Retaining	nut; Stainle	ess steel (304 SS).
Cable;	Weath	erproof vinyl.
Process con	nection:	
		ng nut on G3/4 thread of
		refer to section Drawings
		sions) for bulkhead mounting;
		cess adapters or process
	ttings.	
Process ada		
JIS 10K 50		
		Stainless steel (316 SS))
JIS 10K 50		
		PVC or PVDF)
		ge adapter
		nge adapter
R2 screw-	in adapter	

2

Cable length: 5 m, 10 m, 15 m, 20 m

The length into extension cable is inside of 50 m. Extension cble can not be used with

ISC40SJ-TW.

Dimensions:

Refer to section Drawings and Dimensions.

Weight: Sensor: approximately 0.6 kg. (Note) Do not submerge the sensor itself in process water, as the seems between the mold and the metal of the sensor are not waterproof. Since a temperature sensor is imbedded in the PEEK molded sensor, its response speed is not fast. Install another temperature sensor if necessary.

ISC40SJ-TW Intrinsically safe type sensor

TIIS certification sensor shoule be used with ISC40SJ Protection Concept and Adapter Group:

Ex ia IIC T4 Intrinsic safe rating:

Ui=11.94 V, Ii=61.5 mA, Pi=183.4 mW, Li=4.0 mH, Ci=100 μF

Ambient temperature: -20 to 60°C

The temperature of the sample solution in contact with sensor should be the range of -20 to 90°C.

2. ISC40FDJ Immersion Holder

Process temperature: Process pressure:	Maximum 80°C. Maximum 0.2 MPa at 20°C. Maximum 0.1 MPa at 80°C.
Wetted materials:	
Holder:	C-PVC or Stainless steel (316 SS)
O-ring:	Fluoro-rubber (FKM) or
	ethylene propylene
	copolymer rubber.
Flange (Optional):	PP or Stainless steel (316 SS)
Gasket:	Chloroprene or
	ethylene propylene
	copolymer rubber.

Process connection :

Fixing flange (Optional) : DIN PN10 DN50 (ANSI 2 inch 150 lbs. with bolt holes): Material PP

JIS 10K 50 RF:

Material Stainless steel (316 SS)

2-inch pipe Mounting set (Optional) : Zinc-plated steel.

3. ISC40FFJ Flow Holder

Process temperature: ISC40FFJ-SA, -SJ: ISC40FFJ-PA, -PJ:	Maximum 150°C. Maximum 100°C.
ISC40FFJ-FA, -FJ:	Maximum 130°C.
Process pressure:	
ISC40FFJ-SA, -SJ:	Maximum 1.0 MPa at 150°C.
ISC40FFJ-PA, -PJ:	Maximum 0.6 MPa at 20°C.
	Maximum 0.1 MPa at 100°C.
ISC40FFJ-FA, -FJ:	Maximum 1.0 MPa at 20°C.
	Maximum 0.1 MPa at 130°C.
Wetted materials:	
ISC40FFJ-S□: Stainless	s steel (316 SS)
ISC40FFJ-P□: Polyprop	ylene
ISC40FFJ-F□: PVDF	
O-ring: Fluoro-ru	ubber (FKM) or ethylene
propylen	e copolymer rubber.
Non-wetted materials:	
Nut: Stainless st	eel (304 SS)
Mounting set (Optional) Flange adapters (Optional)	:Stainless steel (304 SS) :Stainless steel (304 SS)

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Process connection : 1/2NPT or Rc1/2 DIN PN10 DN25 flange adapters (Optional)

JIS 10K 25 RF flange adapters (Optional)

4. ISC40FSJ Direct Insertion Subassembly

Process temperature: ISC40FSJ-STWJ: ISC40FSJ-SCWJ, -SCSJ: ISC40FSJ-PCSJ: ISC40FSJ-FCSJ: Proces pressure: ISC40FSJ-STWJ: ISC40FSJ-SCWJ, -SCSJ: ISC40FSJ-PCSJ:	Maximum 100°C. Maximum 130°C. Maximum 1.0 MPa at 110°C. Maximum 1.0 MPa at 150°C. Maximum 0.6 MPa at 20°C. Maximum 0.1 MPa at 100°C. Maximum 1.0 MPa at 20°C.
	Maximum 0.1 MPa at 130°C.
Materials: Wetted materials:	
ISC40FSJ-STWJ:	Stainless steel (316L SS), silicon rubber.
ISC40FSJ-SCWJ, -S	
	Stainless steel (316 SS), Fluoro-rubber or ethylene propylene copolymer rubber.
ISC40FSJ-PCSJ:	Polypropylene, Fluoro-rubber or ethylene propylene copolymer rubber.
ISC40FSJ-FCSJ:	PVDF, Fluoro-rubber or ethylene propylene copolymer rubber.
Non wetted materials: ISC40FSJ-STWJ:	
IDF clamp	
ISC40FSJ-SCWJ, -Ś Nut:	
Process connection:	Stainless steel (304 SS).
ISC40FSJ-STWJ:	IDF 3 inch tri-clamp.
ISC40FSJ-SCWJ: ISC40FSJ-SCSJ-PCSJ-F	coupling. CSJ: R2 screw-in coupling.
	on Drawings and Dimensions.

5. BA20 Terminal Box

Use when FLXA202/FLXA21 analyzer or FLXA402 converter is separated from ISC40□J sensor and is set up.

Ambient temperature:-10 to 50°CConstruction:IP54 agreementCase material:Article of cast metal of aluminum alloyCable inlet:2 (Pg13.5)Case color:Straight grayWeight:Approx. 2 kgNote:BA20 can not be used with ISC40SJ-TW.

6. WF10J Extension Cable

Number of mind Lines:	6
Finish outside diameter:	7.7 mm
Terminal processing:	Special terminals
Material:	Weatherproof vinyl.
Note: WF10J can not be u	ised with ISC40SJ-TW.

MODEL AND SUFFIX CODES

1. Inductive Conductivity Sensors

Non-explosionproof type

[Style:S1]

Model	Suffix code		Option code	Description	
ISC40GJ					General purpose inductive
					conductivity sensor
Construction	-G	G			Standard type
Temperature		-т	1		Pt1000
sensor		-т	3		Thermistor
Cable length,	cat	ole	-05		5 m (pin terminals) (*1)
end type			-10		10 m (pin terminals) (*1)
			-15		15 m (pin terminals) (*1)
			-20		20 m (pin terminals) (*1)
			-X1		5 m (M4 ring terminals) (*2)
			-X2		10 m (M4 ring terminals) (*2)
			-X3		15 m (M4 ring terminals) (*2)
			-X4		20 m (M4 ring terminals) (*2)
			-Y1		5 m (M3 ring terminals) (*3)
			-Y2		10 m (M3 ring terminals) (*3)
			-Y3		15 m (M3 ring terminals) (*3)
			-Y4		20 m (M3 ring terminals) (*3)
Option				/SFJ	JIS 10K 50 RF Flange 316 SS
Adapter				/PFJ	JIS 10K 50 FF Flange PVC
				/FFJ5	JIS 10K 50 FF Flange PVDF
				/SFD	DIN PN16 DN50 Flange 316 SS
				/SFA	ANSI Class 150 2 Flange 316 SS
				/SSG	R2 screw-in adapter 316 SS
				/PSG	R2 screw-in adapter PVC
				/FSJ	R2 screw-in adapter PVDF
O-ring, gask	et			/EP	Ethylene propylene rubber O-ring
					or gasket (*4)

*1: Used for connection to FLXA402, FLXA202/FLXA21. When terminal box is used, select BA20.

*2: Used for connection to FLXA202/FLXA21. When terminal box is used,select BA20/XT.

*3: Used for connection to FLXA402. When terminal box is used, select BA20/YT.

*4: For use in highly alkaline solutions, be sure to check the process conditions and contact us.

Explosionproof type

[Style:S2]

Model	Suffix code		Option code	Description
ISC40SJ				Intrinsic safe inductive conductivity sensor
Construction	-TW			TIIS certification type (for FLXA202/ FLXA21) (*1)
Temperature sensor		-T1 -T3		Pt1000 Thermistor
Cable length, cable end type	9	-X1 -X2 -X3 -X4	·····	5 m (M4 ring terminals) 10 m (M4 ring terminals) 15 m (M4 ring terminals) 20 m (M4 ring terminals)
Option Adapter		2	/SFJ /PFJ /FFJ5 /SFD /SFA /SSG /PSG	JIS 10K 50 RF Flange 316 SS JIS 10K 50 FF Flange PVC JIS 10K 50 FF Flange PVDF DIN PN16 DN50 Flange 316 SS ANSI Class 150 2 Flange 316 SS R2 screw-in adapter 316 SS R2 screw-in adapter PVC
O-ring, gask		46	/FSJ /EP	R2 screw-in adapter PVDF Ethylene propylene rubber O-ring or gasket (*2) d terminal is supplied as accessory.

*2: For use in highly alkaline solutions, be sure to check the process conditions and contact us.

Note: "TIIS Certification" is a certified explosion approval from the Technology Institution of Industrial Safety.

2. Immersion Holder

Model	Suffix code	Option code	Description
ISC40FDJ			Immersion holder
Material	-V -S		Immersion probe C-PVC Immersion probe 316 SS
Pipe length	-10 -15 -20		1.0 m 1.5 m 2.0 m
Option Flan	ge	/FA /FBJ	DIN PN10 DN50 Flange PP (Can be selected for -V) (ANSI Class 150 2 with Bolt-holes) JIS 10K 50 RF Flange 316 SS
Mounting hardware O-ring		/MS1 /MS2 /EP	Mounting hardware for immersion type: 1 set Mounting hardware for immersion type: 2 set Ethylene propylene rubber (*1)

Note: ISC40FDJ is not used for ISC40SJ-TW.

*1: For use in highly alkaline solutions, be sure to check the process conditions and contact us.

Model	Suffix code	Option code	Description
ISC40FFJ			Flow-through holder
Material	-PJ		Rc1/2 Polypropylene (PP)
	-PA		1/2NPT female Polypropylene (PP)
	-SJ		Rc1/2 316 SS
	-SA		1/2NPT female 316 SS
	-FJ		Rc1/2 PVDF
	-FA		1/2NPT female PVDF
Option Mo	ounting	/MS	Wall/pipe mounting hardware for Stainless
ha	rdware	/MP	steel holder
			Wall/pipe mounting hardware for PP or PVDF holder
Flange		/FSJ2	JIS 10K 25 RF Flange 316 SS (for -SJ) (*1)
		/FS2	DIN PN10 DN25 Flange316 SS (for -SA) (*1)
		/FPJ2	JIS 10K 25 RF Flange PP (for -PJ) (*1)
		/FP2	DIN PN10 DN25 Flange PP (for -PA) (*1)
		/FFJ2	JIS 10K 25 RF Flange PVDF (for -FJ) (*1)
	/FF		DIN PN10 DN25 Flange PVDF (for -FA) (*1)
O-ring		/EP	Ethylene propylene rubber (*2)
Polishin	g	/POL	Polished surface (*3)

*1: All flanges are adjustable. Each material in the above description represents the one of wetted part of the adjustable flange which itself is made of 304 SS.

*2: For use in highly alkaline solutions, be sure to check the process conditions and contact us.

*3: Option in case of 316 SS material.

4. Direct Insertion Adapter

Model	Suffix code	Option code	Description
ISC40FSJ			Direct insertion adapter
Process connection	-PCSJ -SCWJ -SCSJ -STWJ -FCSJ	······	R2 screw-in coupling PP Coupling welded 316 SS R2 screw-in coupling 316 SS IDF 3 inch clamp 316 SS LR2 screw-in coupling PVDF
Option		/EP	Ethylene propylene rubber (*1)

*1: For use in highly alkaline solutions, be sure to check the process conditions and contact us.

5. Terminal Box

Model	Suffix code	Option code	Description
BA20			Terminal box
Option		/XT /YT	M4 screw terminals (*1) M3 screw terminals (*2)

Note: Pin terminals is supplied when option code is'nt specified. BA20 can not be used with ISC40SJ-TW.

- *1: Use to connect with FLXA202/FLXA21.
- *2: Use to connect with FLXA402.

6. Extension Cable

Model	Suffix code		Option code	Description						
WF10J				Extension cable						
Cable end	-F			Pin terminals						
	-X			M4 ring terminals *1						
	-Y			M3 ring terminals *2						
Cable lengt	h	-05		5 m						
		-10		10 m						
-		-20		20 m						
	-30			30 m						
	-40			40 m						

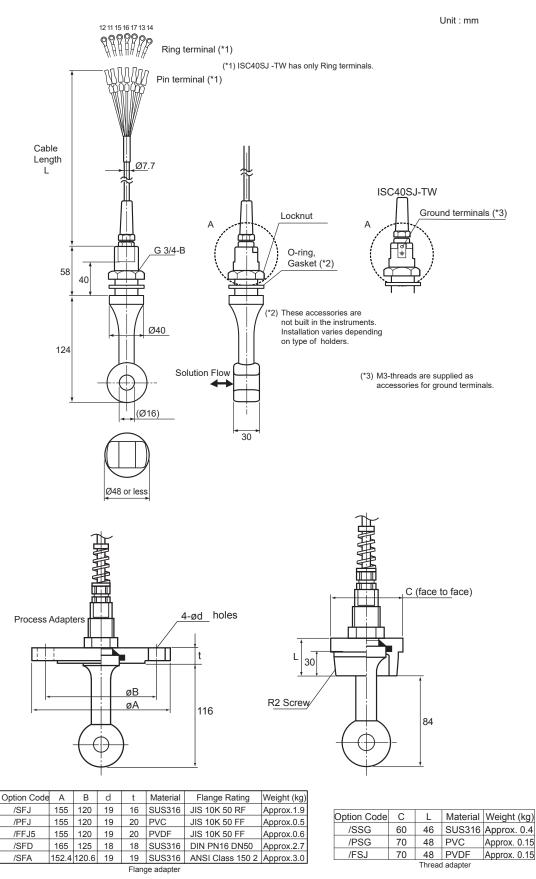
*1: Used for connection to FLXA202/FLXA21.

*2: Used for connection to FLXA402.

Note: The maximum extension cable length is 50 m including sensor cable length. WF10J can not be used with ISC40SJ-TW.

DIMENSIONS

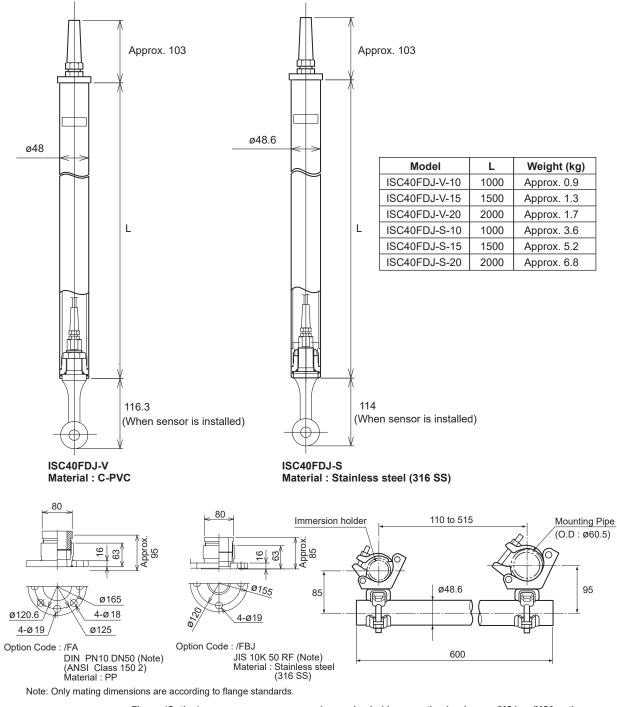
1. ISC40 J Inductive Conductivity Sensor



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GS 12D06B01-01E 10th Edition June 20, 2023-00

2. ISC40FDJ Immersion Holder



Flange (Option)

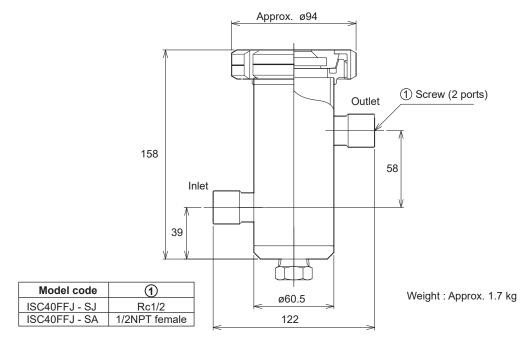
Immersion holder mounting hardware : /MS1 or /MS2 option

Unit : mm

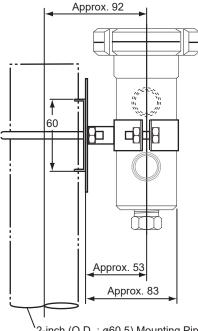
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3. ISC40FFJ Flow Holder

Material : Stainless steel (ISC40FFJ-S□)

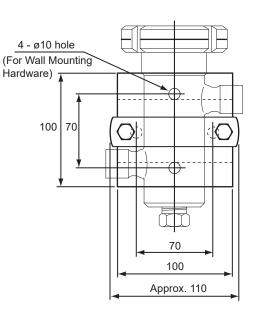


Mounting hardware when /MS option specified





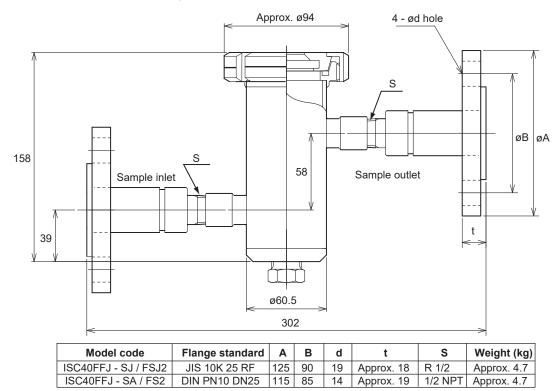
Weight : Approx. 0.5 kg



Unit : mm

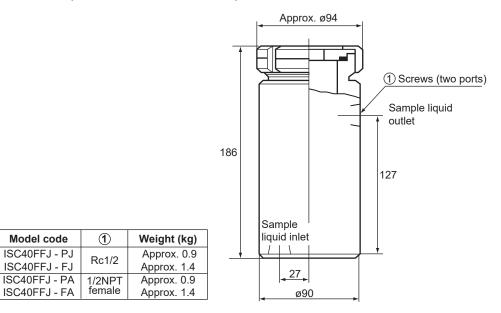
8

Unit : mm



Material : Stainless steel, with Flange (ISC40FFJ-SD/FS2, /FSJ2)

Material : PP or PVDF (ISC40FFJ-PD, ISC40FFJ-FD)

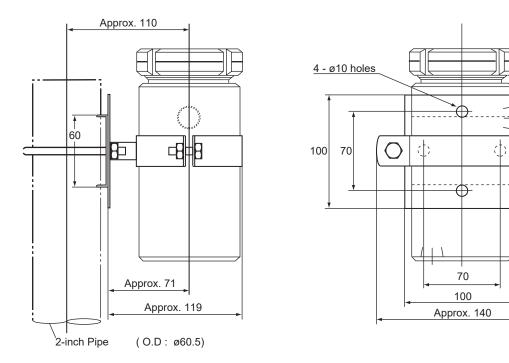


Mounting hardware when /MP option specified

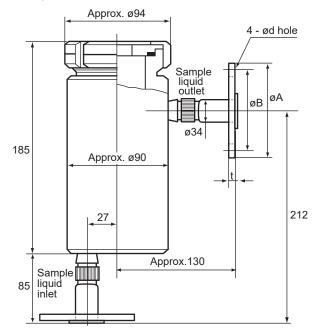
```
\Box Option code : / MP
```

Mounting Bracket

Weight : Approx. 0.5 kg



Material : PP or PVDF, with Flange (ISC40FFJ-PD /FP2, /FPJ2 or ISC40FFJ-FD/FF2, /FFJ2)

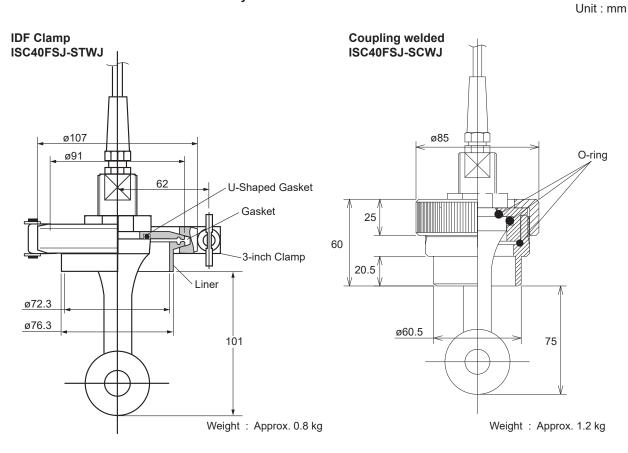


ISC40FFJ - PA, - PJ, -FA, -FJ / FP2, / FPJ2, / FF2, / FFJ2 (with flange)

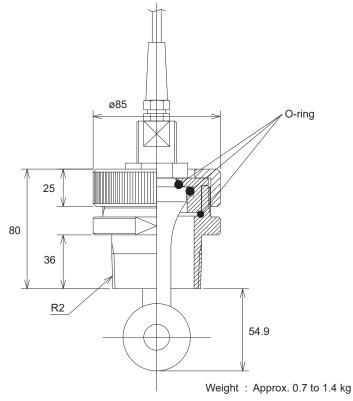
Model code	Flange standard	Α	В	d	t	Weight (kg)		
ISC40FFJ - PJ / FPJ2		125	90	19	Approx. 20	Approx. 3.2 kg		
ISC40FFJ - FJ / FFJ2	JIS 10K 25 RF			13	Appiox. 20	Approx. 3.9 kg		
ISC40FFJ - PA / FP2		115	85	14	Approx. 19	Approx. 3.2 kg		
ISC40FFJ - FA / FF2	DIN PN10 DN25		05	14	Applox. 19	Approx. 3.9 kg		

Unit : mm

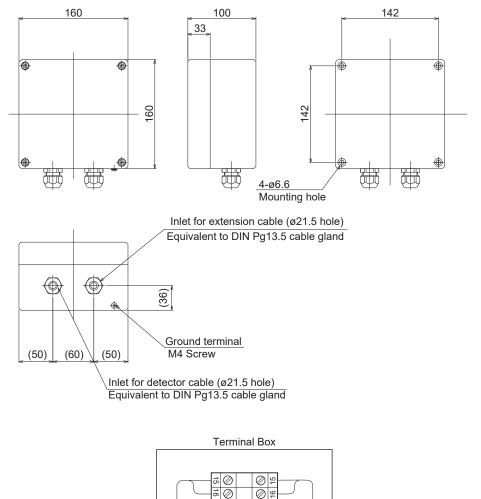
4. ISC40FSJ Direct Insertion Subassembly



Screw-in socket ISC40FSJ-SCSJ, ISC40FSJ-PCSJ, ISC40FSJ-FCSJ

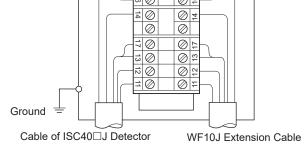


5. BA20 Terminal Box

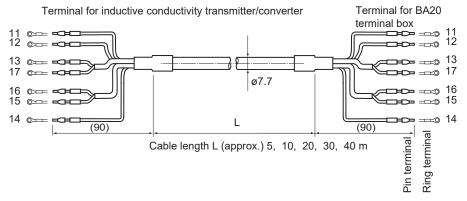




Wiring



6. WF10J Extension Cable



Unit : mm

■ TABLE OF CORROSION-RESISTANT MATERIALS

This chemical resistance table is based on reference data provided by manufacturers and shows the chemical resistance of materials to individual chemical. If a sample contains multiple chemicals, the resistance characteristics may differ from the table specifications. Since sample conditions in an actual application are influenced by various factors, the sensor may not be applicable to some applications. The data should be used for reference only.

Chemical Resistance Table for ISC40																						
		Holder Material								Sea	aling	Mat	Sensor Body									
		PVDF		316 SS		PP		PVC			FPM		EPDM		PEEK		Ľ.					
Reagent	Temp °C conc.	20	60	100	20	60	100	20	60	100	20	60	100	20	60	100	20	60	100		20	100
Sulfuric acid	10% 50% 98%	000	000	0 0 ×	000	000	× × ×	0 0 ×	© © ×	× × ×	000	0 0 ×	× × ×	0 0 ×	0 0 ×	0 0 ×	0 0 ×	© © ×	× × ×		than ☆ or n ☆ ×	×
Fuming sulfuric acid	(98%)	×	×	×	0	0	×	×	×	×	×	×	×	×	Х	×	×	×	×		×	×
Hydrochloric acid	15% 38%	0	0	© 0	×××	× ×	× ×	0	0	× ×	00	$\overset{\bigcirc}{\times}$	× ×	00	© ×	$\stackrel{\bigtriangleup}{\times}$		© ×	× ×		0	© ×
Nitric acid	30% 50% 98%	0 0 0	0 0 ×	© 0 ×	0 0 ×	© 0 ×	× × ×	0 0 ×	O △ ×	× × ×	0 0 ×	× × ×	× × ×		O △ ×	$\stackrel{\bigtriangleup}{\times}_{\times}$	0 × ×	× × ×	× × ×	10% 30% 50%	0 0 ×	© × ×
Phosphoric acid	10% 50% 98%	000	00000	0 0 0	0000	0000	× × ×	0000	000	× × ×	000	${}^{\odot}_{\times}$	× × ×	0000	000	× × ×	0000	0000	0 0 0		0 0 0	0 0 0
Hydrofluoric acid	40% 50%	0 0	0	0	××	× ×	× ×	00	00	× ×	00	× ×	× ×	00	0	00	00	\triangle	× ×		× ×	× ×
Acetic acid	20% 80%	0	\bigcirc	O X	00	$\stackrel{\times}{\bigtriangleup}$	× ×	00	O X	× ×	00	$\stackrel{\triangle}{\scriptstyle{\bigtriangleup}}$	× ×	00	$\stackrel{\triangle}{\times}$	× ×	© ×	O X	× ×	10%	Ø	Ø
Glacial acetic acid	96%	0	0	\triangle	×	×	×	0	×	×	×	×	×	0	\times	×	×	×	×		O	O
Formic acid	90%	0	\odot	0	×	\times	×	0	×	Х	0	×	×	×	\times	Х	0	\odot	0		O	O
Citric acid	10%	0	O	Ô	0	O	×	0	0	Х	0	0	×	0	\bigcirc	Ô	0	\bigcirc	0		Ô	O
Calcium hydroxide	Saturated	0	O	Ô	×	\times	×	0	\odot	0	0	O	×	0	O	Ô	0	\odot	×		Ô	×
Potassium hydroxide	25%	0	0	×	0	0	0	0	0	×	0	0	×	×	×	×	0	0	×	10% 70%	0	× ×
Sodium hydroxide	50%	0	\times	×	0	\bigcirc	\bigcirc	0	\bigcirc	×	0	\bigcirc	×	×	\times	×	0	\bigcirc	×		Ô	O
Ammonia water	10%	0	\bigcirc	O	0	\times	×	0	\bigcirc	×	0	\bigcirc	×	0	\times	×	0	\bigcirc	O		O	O
Ammonium chloride	Saturated	0	O	O	0	\times	×	0	O	Х	0	O	×	0	O	O	0	O	0	10%	O	O
Zinc chloride	Saturated	0	\odot	Х	0	0	×	0	O	Х	0	O	×	0	O	Х	0	O	×		O	Ø
Iron (II) chloride	20%	0	O	Ô	×	×	×	0	\odot	Х	0	0	×	0	O	0	0	\odot	0		\triangle	\triangle
Sodium carbonate	Saturated	0	O	Ô	0	0	×	0	O	×	0	Ô	×	0	\bigcirc	Ô	0	O	×		Ô	O
Potassium chloride	30%	0	\bigcirc	Ô	0	O	×	0	O	×	0	O	×	0	\bigcirc	Ô	0	O	×		O	O
Sodium sulfate	Saturated	0	O	O	0	O	×	0	O	×	0	O	×	0	O	O	0	O	×		O	O
Calcium chloride	Saturated	0	O	O	×	\times	×	0	O	×	0	O	×	0	O	O	0	O	×		O	O
Sodium chloride	Saturated	0	O	O	×	Х	×	0	Ø	×	0	Ô	×	0	Ø	×	0	Ø	×		O	O
Sodium nitrate	Saturated	0	O	O	0	Ô	O	0	Ô	×	0	Ô	×	0	Ô	O	0	Ô	×		O	O
Aluminum chloride	Saturated	0	0	×	×	Х	×	0	Ô	×	0	0	×	0	O	O	0	Ô	0		O	O
Hydrogen peroxide	30%	0	0	O	×	Х	×	0	0	×	0	\triangle	×	0	0	×	0	Х	×		O	O
Sodium hypochlorite (*1)	13%	0	0	×		Х	×	0	Х	×	0	O	×	0	Х	×	×	Х	×	İ	O	O
Potassium dichromate	Saturated	0	O	Ô	0	Ô	O	0	O	×	0	\triangle	×	0	Ô	Ô	0	O	×	ĺ	×	×
Ethanol	100%	0	O	×	0	0	×	0	0	×	0	0	×	0	O	×	0	O	×		O	O
Cyclohexane	100%	0	0	×	×	X	×		X	×	×	×	×	0	×	×	×	X	×		O	×
Toluene	100%	0	0	×	×	Х	×	0	Х	×	×	×	×	0	Х	×	×	Х	×		O	×
Water	100%	O	O	O	0	O	O	0	O	×	0	O	×	0	O	×	0	×	0		O	O

Very suitable
 Suitable

Slightly unsuitable Unusable $\stackrel{\bigtriangleup}{\times}$

*1: Unusable with any material when this coexists with an acidic solution or oxides.

CAUTION Select the material of wetted parts with careful consideration of process characteristics. Inappropriate selection may cause leakage of process fluids, which greatly affects facilities. Considerable care must be taken particularly in the case of strongly corrosive process fluid such as hydrochloric acid, sulfuric acid, hydrogen sulfide, and sodium hypochlorite. If you have any questions about the wetted part construction of the product, be sure to contact Yokogawa.

Inductive Conductivity Sensors and Holders System Inquiry Specifications

Make inquiries by filling in related boxes with checks (\checkmark) and writing in the underlined parts.

1.	General Items Name of your company: Person in charge: Name of plant: Measuring point: Purpose of use: Power supply to Distributor: VAC	Belongs to:	(Phone No)
2.	Measuring conditions (1) Liquid temperature: to	, normal	[kPa {kgf/cm ² G}] [L/min] [m/s]
3.	Installing Location (1) Ambient temperature: (2) Installing location: □ Outdoors (3) Others:		
4.	Specification Requirements (1) Measuring range: (2) System configuration selection: Sensor (3) Sensor mounting: Immersion (4) Sensor cable length: 5 m (5) Extension cable length: 5 m (6) Others:	ow-through □ Direct inse m □ 20 m m □ 30 m □ 40 m	ension cable ertion