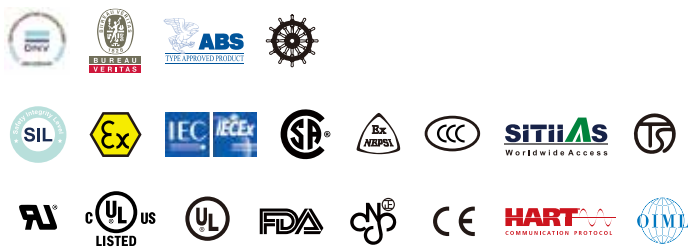




www.fine-tek.com

RF Admittance Level Switch (Remote Type)



Innovation · Quality · Sharing

PRODUCT INTRODUCTION

PRODUCT DESCRIPTION

RF Admittance level switch is appropriate for application in liquid and solid mediums. It is designed to reduce medium attaching to the probe.

This product also offers SPDT output, high/low level failsafe, adjustable time delay, and sensitivity adjustment. Various models are available for high temperature, or limited space environments.

FEATURES

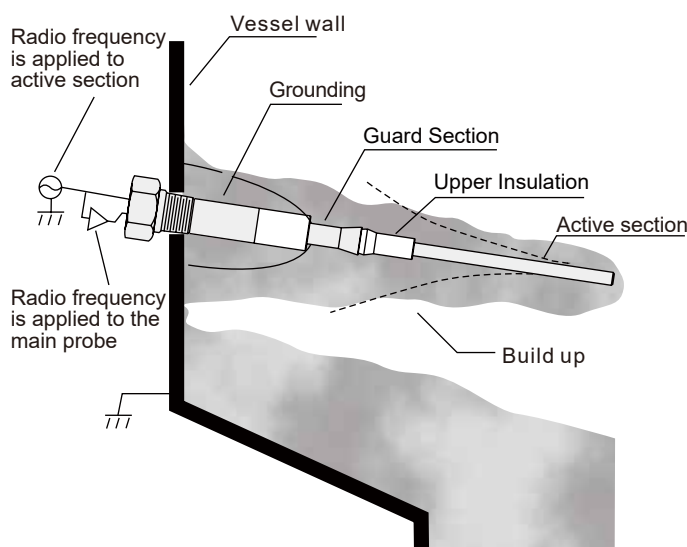
- Anti-Viscosity
- Easy Installation
- Stable; not affected by temperature
- Time delay function from 0.5~8 seconds
- IP65 housing protection
- 5A / 250 Vac output SPDT
- High/low failsafe
- Applicable in liquid, syrup, solid, powder, and surface level detection
- Alarm testing

WORKING PRINCIPLE

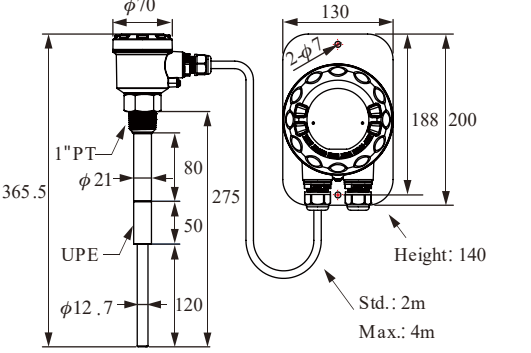
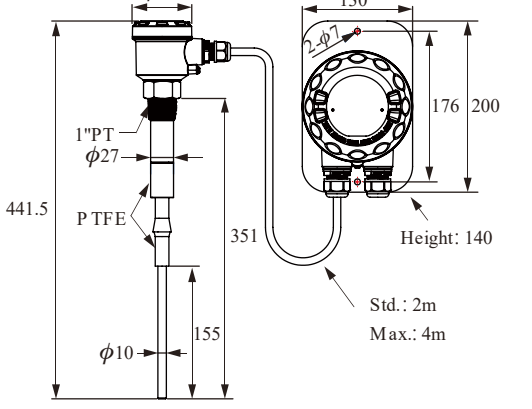
RF Admittance level switch consists of a guard section, upper insulation, main probe and grounding. The guard section is designed to overcome possible medium attachment and to secure signal accuracy. The special structure is suitable for detecting different mediums without being affected by attachments.

The upper main probe, guard, and grounding are all insulated. The level of the medium can be detected by the increasing of admittance when medium reaches the main probe.

The grounding and the main probe are insulated, thus the device will still function accurately and not cause false alarms when the medium attaches the probe.

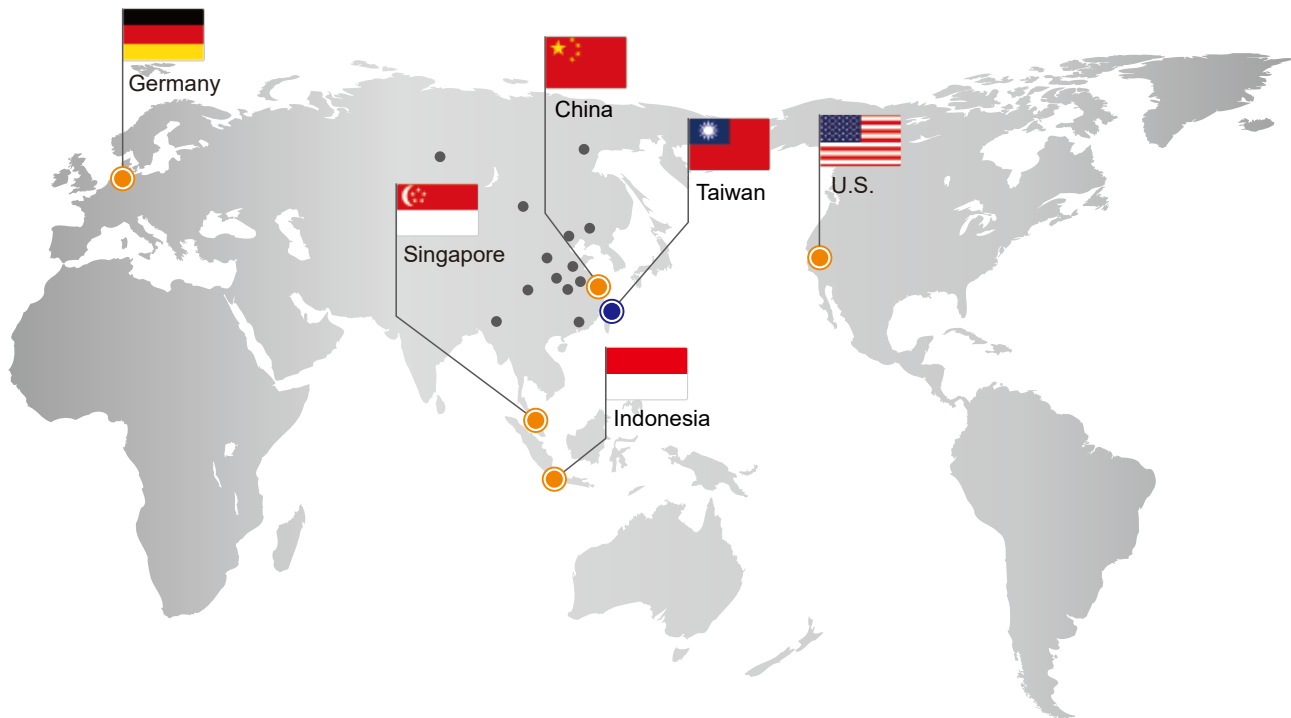


SPECIFICATIONS

Dimension (Unit:mm)		
Model	SBX204 [Remote type]	
	None	Anti-Viscosity
Operating temp.	-20°C~85°C	
Ambient temp.	-20°C~85°C	
Housing	Aluminum(IP65)	
Probe material	SUS304 /316	
Insulated material	UPE	PTFE
Connection	1" PT (SUS)	
Sensitivity	MAX: 10pF	
Supply voltage	100~240 VAC 50/60Hz or 24VDC ±20%	
Power consumption	Max.2W	
Contact rating	One SPDT 5A, 240VAC	
	One MOSFET 400 mA, 60 VAC/VDC	
Delay time	0.5~8 sec	
Fail safe mode	High / low Fail safe mode	
Cable entry	3/4" NPT x2 hole	
Operation pressure	Max. 20 bar	
IP protection	IP65	
Cable length	Max. 4M	

3

Global Network



Head Quarter

- Taiwan
FineTek Co., Ltd. - Taipei Head Quarter
No.16, Tzuchiang St., Tucheng Industrial Park 
New Taipei City 236, Taiwan
TEL: 886-2-2269-6789
FAX: 886-2-2268-6682
EMAIL: info@fine-tek.com

North America

- California, U.S.
Aplus Finetek Sensor Inc. - US Office
355 S. Lemon Ave, Suite D
Walnut, CA 91789
TEL: 1 909 598 2488
FAX: 1 909 598 3188
EMAIL: info@aplusfine.com

Europe

- Germany
FineTek GmbH - Germany Office
Bei den Kämpen 26
21220 Seevetal-Ramelsloh, Germany
TEL: +49-(0)4185-8083-12
FAX: +49-(0)4185-8083-80
EMAIL: info@fine-tek.de

Asia

- China
Fine automation Co., Ltd. - Shanghai Factory 
No.451 DuHui Rd, MinHang District, Shanghai,
China 201109
TEL: 86-21-6490-7260
EMAIL: info.sh@fine-tek.com
- Singapore
FineTek Pte Ltd. - Singapore Office
37 Kaki Bukit Place, Level 4 Singapore 416215
TEL: 65-6452-6340
EMAIL: info.sg@fine-tek.com
- Indonesia
PT. FineTek Automation Indonesia - Indonesia Office 
PERGUDANGAN TUNAS BITUNG
JL. Raya Serang KM. 13,8, Blok C3 No. 12&15,
Bitung Cikupa, Tangerang 15710
TEL: 62 (021)-2958-1688
EMAIL: info.id@fine-tek.com

- Mütect Instruments GmbH - Germany Office 
Bei den Kämpen 26
21220 Seevetal-Ramelsloh, Germany
TEL: +49-(0)4185-8083-0
FAX: +49-(0)4185-8083-80
EMAIL: muetec@muetec.de



Distributor: