

RADAR TYPE LEVEL METER (Time Domain Reflectometry)

REFLEX RADAR



SOLUTION NOW COMES TRUE!!

Micro pulses are sent toward a product to be measured via a probe, and it can reliably measure the interface of liquids as well as levels without being affected by dusts, paper, or obstacles!!

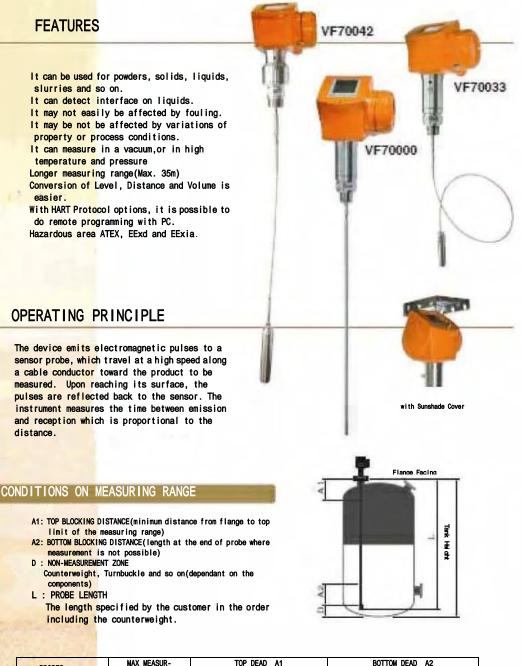
KANSAI Automation Co., Ltd.

CAT. No. TDR. VF7-0703

Micro-impulse Level Meter

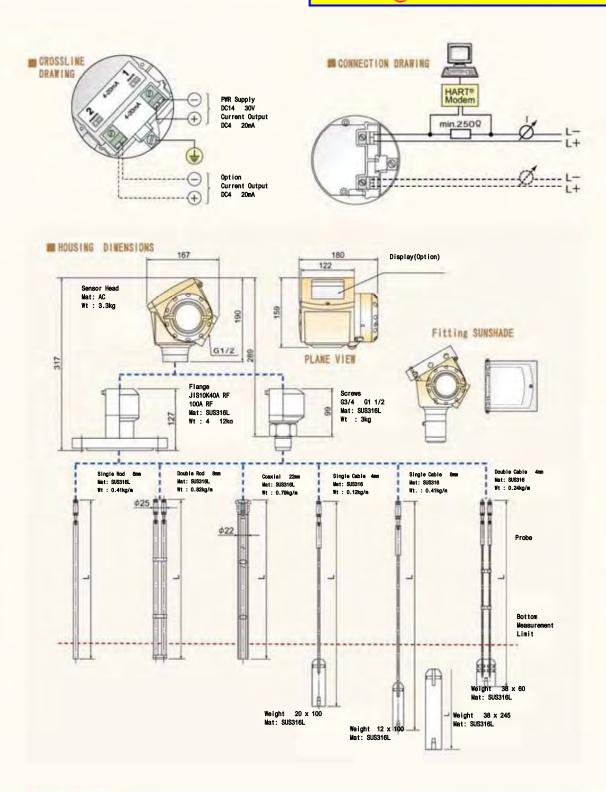
VF7 SERIES OF TDR RADAR SYSTEM

MICRO PULSES ARE SENT TOWARD A PRODUCT TO BE MEASURED ALONG A CABLE CONDUCTOR OR A ROD, FROM WHICH THEY ARE REFLECTED BACK. IT MEASURES THE TIME BETWEEN EMISSION AND RECEPTION WHICH IS PROPORTIONAL TO THE DISTANCE. THIS TECHNOLOGY HAS THE ADVANTAGE OF BEING NO LOSS OF MICRO WAVES AND BEING UNINFLUENCED BY THE ENVIRONMENT. IT IS EXTREMELY EFFECTIVE WHEN MEASURING IN A SMALL VESSEL OR ANY VESSELS CONTAINING FOREIGN OBJECTS AND IN OTHER APPLICATIONS WITH DUSTS AND VAPOR.



	PROBES	MAX MEASUR-	TOP DE	AD A1	BOTTOM DEAD A2	
1		ING RANGE L	Zone r= 80	Zone r= 23	Zone r= 80	Zone r= 23
1	Single Rod 8	4000	200	250	10	50
1 2	Double Rod 8	4000	125	165	10	50
1	Coaxial Rod 22	6000	10	50	10	50
	Single Cable 4	35000	200	250	10	50
1	Single Cable 8	35000	200	250	10	50
	Double Cable 4	35000	125	165	10	50

Distributor: Sider Electronic Industries Ltd. Tel: 852-23892522 Fax: 852-23574546 Email: info@sider.com.hk URL: www.sider.com.hk



PROGRAMMING

With a setup display on the head and HART Protocol options, it is possible to do remote programming with PC and to monitor.



Sensor-head Display(Option)



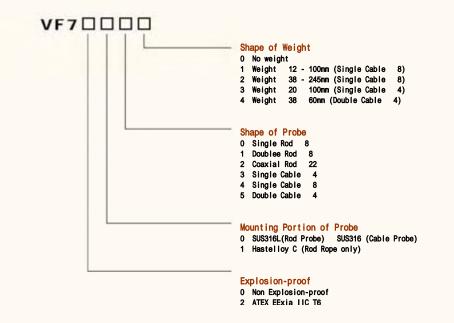


PC Display

STANDARD SPECIFICATIONS

Power Supply	Non Explosion-proof/ EExi	24VDC (DC14 30V)		
(Two Wire)	EExd	24VDC (DC20 36V)		
	Single Rod 8	4m		
	Double Rod 8	4m		
	Coaxial Rod 22	6m		
Max Measuring Range	Single Cable 4	35m		
	Single Cable 8	35m		
	Double Cable 4	35m		
	Output 1 (Max Load Resistance 350)	DC4 20mA HART (Max Load Resistance350)		
	Output 2 (Option: EX No)	DC4 20mA (Max Load Resistance350)		
Output	Error Output	DC3.6mA or DC22mA or hold		
output	Accuracy	0.05%		
	Resolution	±2μA		
	Liquids	± 3mm		
	Powders	± 20mm		
Accuracy	Interface	± 10mm		
	Resolution	±1mm		
	Ambient Temperature	-40 - +80 (EExi: -40 - +60)		
	Storage Temperature for Instruments	-40 - +85		
Conditions	Flange Temperature	-40 - +200 (EEx: +150)		
CONUTETONS	Withstanding Pressure	-0.1MPa 4MPa		
	Housing	IP66 NEMA6 6X		

DESIGNATION OF MODEL



製造元 HYCONTROL

Line of business

●回転式レベルスイッチ	・フロースイッチ
●振動式レベルスイッチ	・電極式レベルスイッチ
●振子式レベルスイッチ	•フロートスイッチ
●音波式レベルスイッチ	 フロート式レベルメータ
・静電容量式レベルスイッチ	●超音波式レベルメータ
 静電容量式近接センサ 	 コンベア周辺機器
●静電容量式レベルメータ	•ダストモニタ
 ダイヤフラム式レベルスイッチ 	●ジルコニア酸素濃度計
●チルトスイッチ	・レーザー式レベルメータ
・リーク式レベルスイッチ	・電波式レベルメータ
・マイクロウェーブスイッチ	 液体濃度・濃度計
・サウンジング式レベルメータ	 超音波流量計

Nuclear Power Generation to Rice Milling AB-round Manufacturer of Level Controllers for Powder, Granules and Liquid

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※ご使用に際しては取扱説明書を必ずお読み下さい。
※予告なく仕様変更することがありますので予めご了承下さい。