

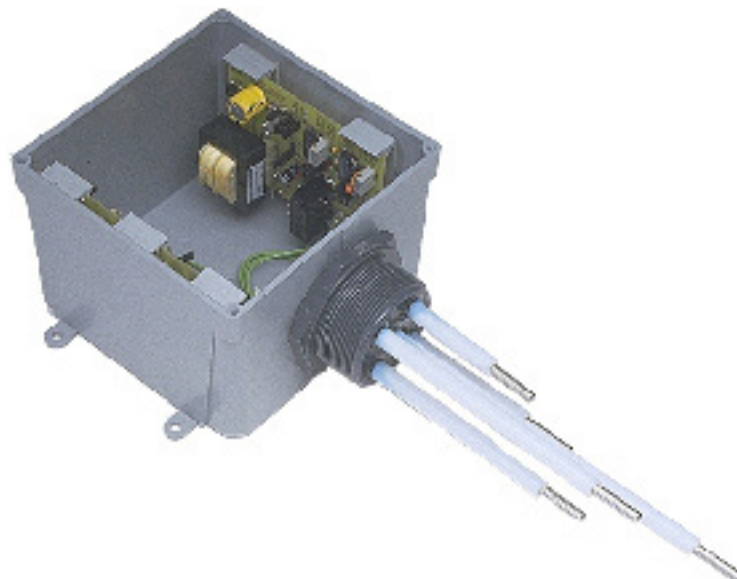
Conductance Level Switch

FEATURES

- Integral or Remote-Mount Electronics
- Multiple Electrode Option
- DPDT Relay (5 amp std.)
- Adjustable Sensitivity & Time Delay
- NEMA 4X Enclosure
- Alarm or Differential Control
- Flexible Cable or Solid Rod Electrodes

OPTIONS

- 10amp DPDT Relay
- 316 SS Tags
- Flanged Process Connections



APPLICATIONS

Liquid Applications:

- High or Low Level Alarm
- Interface
- Slurries
- Flow / No Flow
- Liquid / Foam Interface
- Foams
- Conductive Products
- Non-Conductive Products
- Organic
- Inorganic

Special Applications:

- High Temperature
- Corrosive Environments
- High Pressure
- Special Probe Materials

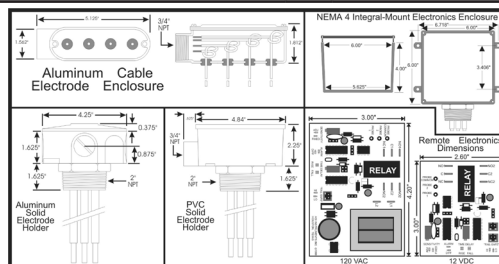
SPECIFICATIONS

Environmental	
Housing Type	NEMA 4X PVC
Temperature	Electronic: -40° to +185°F / -40° to +85°C Functional Ambient
Enclosure Classification	
Remote-Mount Electronics:	I=Integral-mount NEMA 4X R=Remote-mount NEMA 4 E=Explosion-proof (Consult Factory for Specific Area Classification)
Remote-Mount Electrodes:	-22°F (-30°C) to 149°F (65°C)
Electrical	
Input Power	95-130 VAC or 190-260 VAC @ 2 Watts, 50-60 Hertz; 12 or 24 VDC Nominal
Output Signal	Form C DPDT Dry Contact Relay
Relay Rating	Resistive Rating: 5 amps, 250 VAC; 5 amp, 30 VDC Inductive Rating: 1/10 hp 125, 250 VAC
Process Connection	2" NPT (Unless otherwise stated)

ORDERING INFORMATION

CP2 / a / b / c / d / e / f / g / h :				
a/	Operating Voltage			
	A 120 VAC	B 240 VAC	C 24 VDC	
b/	Number of Electrodes (Max of 5 electrodes per holder)			
c/	Electrode Type		Operating Temp	Operating Pressure
	1	316SS Probe / 4" *Teflon® Lower Bushing / 1/2" NPT	C	A
	2¹	316SS Probe / Nylon Bushing to 1" from Tip	A	C
	3¹	316SS Probe / *Teflon® Bushing to 1" from Tip	C	C
	4¹	Hastelloy "C" Probe / *Teflon® bushing to 1" from tip	C	C
	5¹	Monel Probe / *Teflon® bushing to 1" from tip	C	C
	6¹	Brass Probe / *Teflon® bushing to 1" from tip	C	C
	Note¹ Electrode types 2-6 can have 2-5 electrodes only			
	Complete Units with Cable Suspended Electrodes			
	7²	316SS Cable Probe / PVC bushing to tip / 3" 316SS PVC Covered Weight	A	B
	Note² 1-4 electrodes only		*Registered Trademark of E.I.DuPONT CORP.	
d/	Model Type			
	An	Alarm Mode (n = number of Alarm electronics—1 per electrode)		
	Dn	Differential Mode (n = number of Differential electronics—1 per two electronics)		
e/	P	2" NPT PVC Holder / PVC Enclosure (up to 5 electrodes)		
	M	2" NPT 316SS Holder / Aluminum Enclosure (up to 5 electrodes)		
	W	3/4" Aluminum Enclosure (up to 4 wire suspended electrodes)		
	S	1/2" NPT 316SS Holder / Aluminum "LB" Enclosure (for use with single solid rod electrode only)		
	Z	Any Special Electrode Option Not Included in Above Description		
f/	Additional Set Points (Example 2A is for 2 additional 120 VAC electronics)			
	00	No additional Set-Points	nB	240 VAC
	nA	120 VAC	nC	12 VDC
g/	Electronics Enclosure			
h/	Options		Electrode Length	
	0	No Options	EL-X-0 0 0 In the "X" number each electrode that will be used with the unit 1 - 5. In the "000" indicate the solid rod electrode length in inches & cable electrodes in feet.	
	F	Flanged Connection		
	L	316SS Tags		
	Z	10amp DPDT relay		

OPERATING TEMPERATURE CODES		OPERATING PRESSURE CODES	
A	-40°F to +185°F / -40°C to + 85°C	A	100 psi @ 77°F / 6.8 bar @ 25°C
C	-40°F to +450°F / -40°C to + 230°C	B	Static Head Only (Consult Factory)
		C	150 psi / 10.3 bar



K-TEK
 6100 West by Northwest #140
 Houston, TX 77040 USA
 Phone: +(1) 713-462-7665
 Fax: +(1) 713-462-7684
 Email: sales@kteksolidslevel.com
 Website: kteksolidslevel.com

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