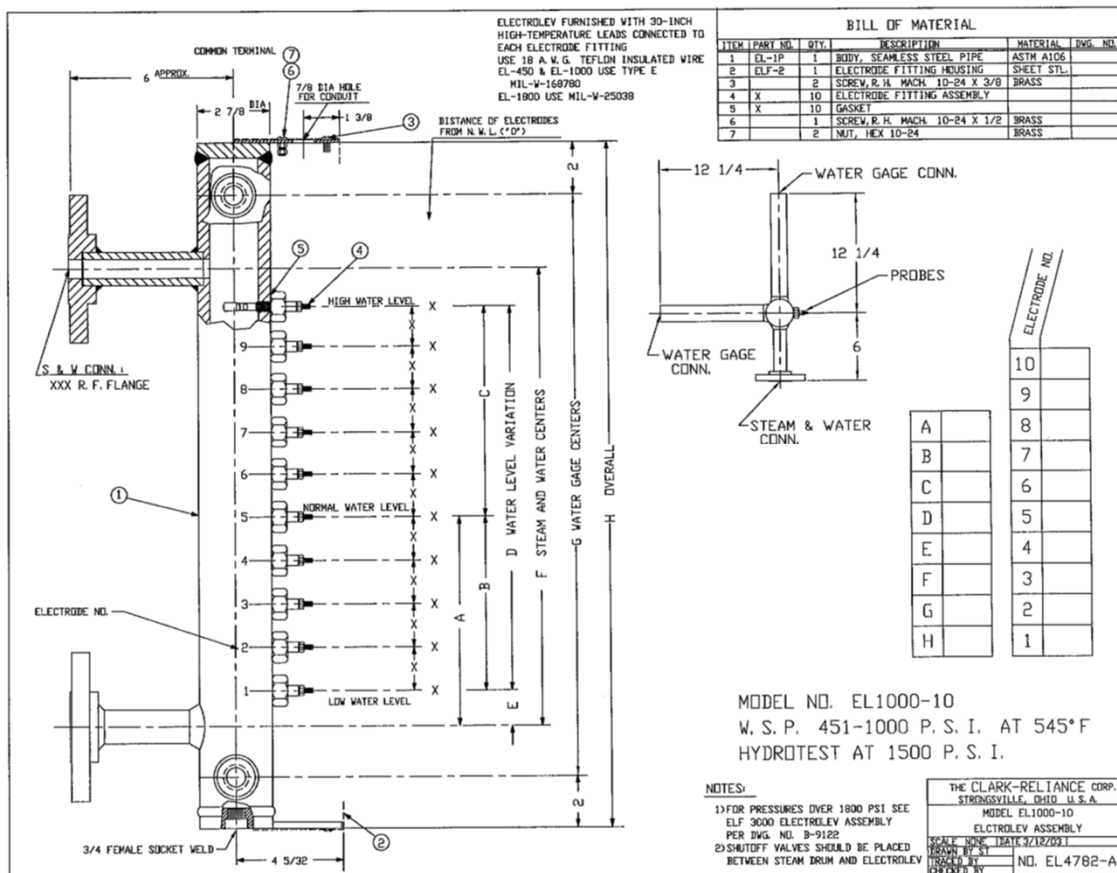


RFQ and Purchase Order Specification Work Sheets

Section: R406.012-1
Date: 5-5-2020
Supersedes: 6-27-2018
Page 1

10 Probe LevelMax System



Please complete all information fields in this worksheet and submit with your RFQ (Request For Quote) or Purchase Order. The use of these worksheets has proven to greatly decrease Engineering time and virtually eliminate specification errors.

Reliance®

A PRODUCT OF CLARK-RELIANCE

16633 Foltz Parkway • Strongsville, OH 44149 USA
Telephone: +1 (440) 572-1500
www.clark-reliance.com • RelianceAppEng@clark-reliance.com

Customer: _____

Contact Name: _____

Project Name: _____

E-mail: _____

Project Location: _____

Phone Number: _____

Date: _____

RFQ/P.O. Number: _____

REQUIRED INFORMATION

Design Pressure: _____

Design Temperature: _____

Model Number	Probe Model	Max. System WSP			Max. Temp.	
		PSIG	BarG	Kg/cm²	°F	°C
EL450-10	T020	450	31	31.6	456	236
EL1000-10	V020	1000	69	70.3	545	285
EL1800-10	ZG020	1800	124.1	126.5	621	327
ELF3000-10	FG031	3000	206.9	210.8	695	368
ESB3000-10	FSB030	3000	206.9	210.8	695	368

STEAM & WATER CONNS.

(3/4", 1", or 1 1/2" MSW Pipe Projection are standard)

Steam & Water Connections (other than standard –
specify size & type Req'd.):

Male Socket Weld
(Pipe Projection): _____

Female Socket Weld: _____

Flange Size: _____

Flange Class: _____

Flange Face: _____

Other (please specify): _____

Brazed probe option:: ZB Probe ☐ FB Probe ☐

WATER GAGE GLASS AND VALVES

Water Gage Valves: _____

Gage Glass Required: _____

Note: See applicable specification sheet for the required gage glass

WATER GAGE VALVE CONNS.

(3/4" FNPT Extensions are standard when required)

3/4"-300# R.F. Flange: ☐

3/4"-600# R.F. Flange: ☐

3/4"-900# R.F. Flange: ☐

Other (please specify): _____

DRAIN CONN.

(3/4" FSW is standard with LevelMax Column)

Drain Connection (other than standard – specify
size & type Req'd.):

Female Socket Weld: _____

Male Socket Weld
(Pipe Projection): _____

Flange Size: _____

Flange Class: _____

Flange Face: _____

Other (please specify): _____

Vent connection (Specify
size & type): _____

Integral junction box: NEMA 4 ☐ NEMA 4X ☐

Additional probe wire
(specify length required): _____

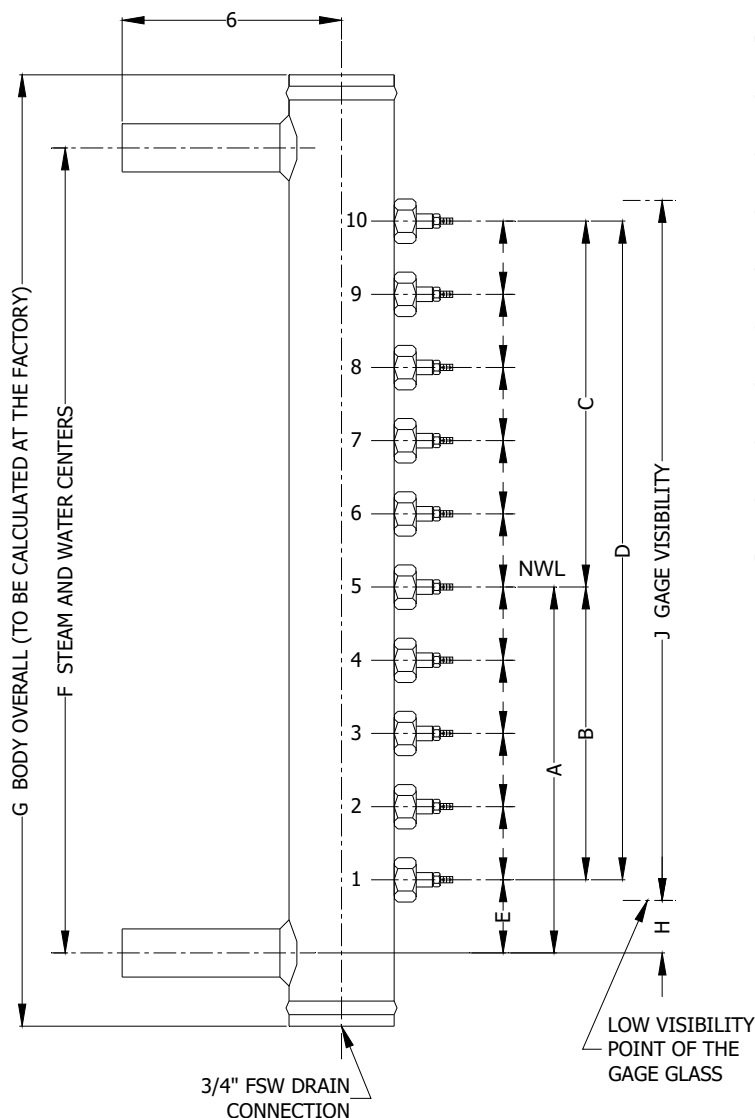
FlexPak Insulation
Jacket: ☐

Other (please specify): _____

OPTIONS REQUIRED

REQUIRED DIMENSIONAL INFORMATION

Section: R406.012-1
Date: 5-5-2020
Supersedes: 6-27-2018
Page 3



A	
B	
C	
D	
E	
F	
G	----
H	
J	

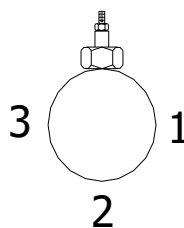
PROBE DISTANCE FROM NWL	
10	
9	
8	
7	
6	
5	
4	
3	
2	
1	

Note: This illustration shows Probe #5 as NWL. However, this location could vary depending on the application. Please signify NWL as "0" in the applicable box

Note: For Gage Glass selection, see the following Order Specification Worksheets:
Prismatic Gage: R406.004
Flat Glass Gage: R406.005
P4000 Series Simpliport Gage: R406.006
P4100 Series Simpliport Gage: R406.007

DIMENSIONAL NOTES:

- 1) MINIMUM DISTANCE BETWEEN PROBES IS 1".
- 2) MINIMUM "E" DIMENSION IS 1".
- 3) MINIMUM DISTANCE BETWEEN TOP PROBE AND STEAM CONNECTION (UPPER CONNECTION) IS 1".
- 4) LOW VISION POINT CAN NOT BE LOWER THAN THE UPPER EDGE OF THE WATER CONNECTION.
- 5) HIGH VISION POINT CAN NOT BE HIGHER THAN THE LOWER EDGE OF THE STEAM CONNECTION.



Top View Orientation when Water Gage Valve connections are required

CONNECTION	LOCATION
S & W CONNS.	
W.G. VALVE #1	
W.G. VALVE #2	

Additional notes:

CONTROL UNIT REQUIRED INFORMATION

Section: R406.012-1
Date: 5-5-2020
Supersedes: 6-27-2018
Page 4

Base Model Number:

ECIL-10R

Power Requirements:

120 VAC ☐

240 VAC ☐

Enclosure Required

NEMA 1 (Std.) ☐

NEMA 4 (W'proof) ☐

NEMA 4X (W'proof ☐

Stn. Stl.) ☐

NEMA 7 (Ex'proof) ☐

No Enclosure Req'd. ☐

Conduit hubs ☐

Quantity _____ Size _____

Environment:

Indoor ☐

Outdoor ☐

Hazardous ☐
Area



Options Required:

☐ ECID-69 Fault Detector 120 VAC

☐ ECID-70 Fault Detector 240 VAC

☐ ECID-71 System Exerciser Switch

☐ PC-27 4-20 mA Output signal Package

☐ Dead Band Relays

☐ Slave Relays for additional Aux. contacts

☐ Voting Logic Package

☐ ECTSLR Test Switch

☐ ECID-66 Intrinsically Safe Barrier for probe circuit

☐ ECID-67 Intrinsically Safe Barrier for indicator circuit

☐ PSD Power Supply Diverter 120 VAC ☐ 240 VAC ☐

Relay Requirements:

Direct Mode (Std.)

Inverse Mode (Specify Probe Location) _____

Water Conductivity (Normal is 10 – 50 mho) _____

Time Delay (Specify Probe Location) _____

Other Requirements: _____

INDICATOR REQUIRED INFORMATION

Type of Indicator Required

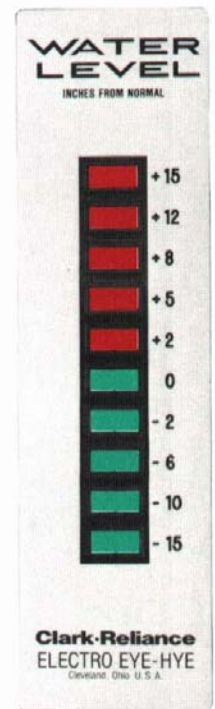
- ☐ MTI Miniature LED Indicator (Red Lights only)
- ☐ MTI Miniature LED Bi-color Indicator (Red/Green Lights)
- ☐ SMI Sub-miniature LED Bi-color Indicator (Panel Mount)
- ☐ SMI Sub-miniature LED Bi-color Indicator (Encl. Door Mount)

Environment

- ☐ Indoor
- ☐ Outdoor
- ☐ Hazardous Area

Indicator Options

- ☐ Wall Mounting Bracket
- ☐ Weatherproof Enclosure
- ☐ Weatherproof Enclosure – NEMA 4X Stainless Steel
- ☐ Conduit hubs
Quantity _____ Size _____
- ☐ NEMA 7/4 Enclosure for SMI Indicators only



MTI-10B
Indicator shown

CABLE REQUIREMENTS

Amount Required (only available in lengths of 100, 500, or 1000 feet)

- _____ X174882 18 AWG Cable 15 Conductor
- _____ X174883 18 AWG Cable 25 Conductor
- _____ X174808 18 AWG Shielded Cable 4 Conductor
- _____ X174886 16 AWG Cable 19 Conductor (High Temp.)
- _____ X174887 16 AWG Cable 4 Conductor (High Temp.)
- _____ X174895 16 AWG Cable 9 Conductor (High Temp.)