



6150 Warehouse way, Sacramento, CA 95826
 Phone: (916) 428-1708, Fax: (916) 428-1728
 Email: sales@elevatorcontrols.com

Hydraulic Controller Data Forms

Project Data

Pixel-Hydro Data Forms
 Revised 01/03/14

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EC Job Number: _____

Date Received: _____

Instructions

1. Please fill out these data forms as completely as possible. Pixel-Hydro standard lead time of 5 weeks. Incomplete data may delay delivery.
2. A blank or no selection will be considered as item non-applicable to this project.
3. All applicable data should be measured on existing equipment, when it is to be retained.
4. The bottom landing shall be referred to as the landing 1, and shall be the reference landing without regard to the building floor labels.
5. If a controller feature/option required for the project is not on these data forms, please contact your sales representative.
6. Contact Elevator Controls engineering department at 916-428-1708, if any questions arise regarding the required data.

NOTE: Your controller will be built according to the data furnished herein.

EC Quote #: _____ P.O. #: _____ Customer #: _____

Job Name: _____

Job Location: _____
Job Address: _____
Job City: _____
Job State: _____ **Zip Code:** _____

Yes No Job Specifications
 Yes No Specifications have been sent to ECC
Consultant: _____
Contact: _____
Phone: _____ **Fax:** _____
Email: _____

Installation Type: New Construction Modernization
Duty Type: Passenger Service

Shipping and Contractor Information:

Contact Name: _____
Company Name: _____
Shipping Address: _____
City: _____
State: _____ **Zip Code:** _____
Phone: _____ **Fax:** _____
Email: _____

Code Compliance United States:
 ASME A17.1- 2010 2007 2004
 ASME A17.1- _____

Additional state or local code compliance:
 Chicago Nebraska
 GSA/Federal New York City
 Michigan Washington (Seattle)
 Other _____

Data Forms Completed By

Name/Title: _____
Phone: _____ **Fax:** _____
Mobile: _____
Email: _____
Company: _____
Signature: _____

Machine room space limitations _____ H _____ W _____ D
 Explain: _____

Type of Operation:

Simplex (Selective Collective)

Fire Service Operation:

Fire Service Phase I:
 3 position keyswitch 2 position keyswitch
 Fire Service Phase II (3 position keyswitch)
Main Recall Landing #: _____ **Floor Label:** _____
 Doors will open at: Front Rear
Alt. Recall Landing #: _____ **Floor Label:** _____
 Doors will open at: Front Rear
 Additional Fire Recall Switch:
 Location Landing #: _____ Floor Label: _____
 Additional Requirements? Explain

Pixel Hydraulic Standard Features/Requirements:

- * 3 points of access: machine room, TOC & COP
 - * TOC with built in cartop inspection station
- Absolute Position System
 Two independent tape readers optically scan a uniquely coded stainless steel tape to provide the elevator location within 0.8mm. The U-shaped tape readers are contact-free eliminating mechanical wear and tape guide noise. Door zone, stepping, & absolute floor encoding (AFE) magnets, terminal slowdown and normal limit switches are not required.
 Hoistway NEMA 1 rated and 0.8mm position resolution.
 * All fixtures must be 24VDC, 3-6 watts maximum
 * Position indicators must be 3 wire network type:
 CE Microcomm or Emotive



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EC Job Number:

Inspection Operation:

Hoistway Access Operation:
 Hoistway access switch in COP (2 position - single pole)
 Top access switch (top landing):
 Location: Front Rear
 Bottom access switch (bottom landing):
 Location: Front Rear

Top & bottom hoistway access switches can be single pole. Down & Up hoistway access limits via Pixel Landa.

In-Car Inspection Operation:
 Requires In-Car Inspection switch (2 position - single pole) inside COP and separate up & down buttons for car movement.

Control Features

Attendant Operation
 Car to lobby: Car Hall Other
 Park with doors: Open Closed
 Battery powered lowering device by EC
 Emergency Power Generator (Sequential lowering)
 Independent Service Switch: Car Hall
 Load Weighing: Heavy Light Overload
 Pit Flood Operation
 Security (call lockout):
 Car: Card Reader Key Other: _____
 Hall: Card Reader Key Other: _____
 Call lockout override switch: Car _____
 Low oil switch
 Viscosity control

Car Call Registration Indicators (24VDC, 3W max.):

Pixel Standard - CAN communication to COP

Auxiliary COP - # of car stations per car: _____

Hall Call Registration Indicators (24VDC, 3W max.):

Pixel Standard - CAN communication to HALL

Hoistway Data

LDG #	Floor Label	Floor Height	Front	Rear
	Overhead			
8				
7				
6				
5				
4				
3				
2				
1				
	Pit			
Capacity:	<input type="checkbox"/> lbs	<input type="checkbox"/> kg		
Speed:	<input type="checkbox"/> fpm	<input type="checkbox"/> m/s		
Total Travel	<input type="checkbox"/> ft	<input type="checkbox"/> m		

Passing Floor Chime:

EC 3-wire C.E. Micro Comm EC 3-wire E-Motive
 Pixel COP (24VDC, 6W max.)

Position Indicators:

Car PI Hall PI
 Position indicators must be 3 wire network type:
 EC 3-wire C.E. Micro Comm EC 3-wire E-Motive

Lanterns:

Car Lanterns Hall Lanterns
 Pixel P-COP (24VDC, 6W max.) - Car Lanterns
 Pixel P-HALL (24VDC, 6W max.) - Hall Lanterns
 EC 3-wire C.E. Micro Comm EC 3-wire E-Motive

Status Indicators (24VDC, 3W max.):

Fire light & buzzer (COP) _____
 Fire light (Hall) _____
 Nudging buzzer _____

Automatic Passenger Door Operators:

The door operator interface is to the P-TOC board located on the cartop. Solid state door operators only.

Place an "X" in the appropriate box to indicate

F	R	door operator. (F = Front and R = Rear)
<input type="checkbox"/>	<input type="checkbox"/>	GAL MOVFR: <input type="checkbox"/> 230V <input type="checkbox"/> 115V
<input type="checkbox"/>	<input type="checkbox"/>	MAC PM-SSC
<input type="checkbox"/>	<input type="checkbox"/>	ECI: <input type="checkbox"/> 895 <input type="checkbox"/> 1000 <input type="checkbox"/> 2000 <input type="checkbox"/> VFE2500
<input type="checkbox"/>	<input type="checkbox"/>	Atlantic Tech <input type="checkbox"/> 9001 <input type="checkbox"/> 9003
<input type="checkbox"/>	<input type="checkbox"/>	IPC Encore (closed loop)
<input type="checkbox"/>	<input type="checkbox"/>	MCE Smartraq
<input type="checkbox"/>	<input type="checkbox"/>	Other: _____

Door Features

Infrared detector Mechanical safety edge
 Nudging: Reduced torque w/ buzzer Buzzer only
 Door Hold: Switch Button: (time) _____ sec.

Main Line Voltage (3 phase 60Hz)

Main Line Symmetrical with respect to ground
 208VAC 220VAC 230VAC 240VAC
 440VAC 460VAC 480VAC

Hydraulic Motor Data

Existing New
 Brand: _____ Model: _____
 HP: _____ FLA: _____
 Voltage: _____ VAC, 3 Phase, 60Hz
 Measured Data sheet

Motor Starter

Stand alone reverse phase sensor included on all starters except, solid state starter (built-in).

Solid State: Sprecher+Schuh (standard) Siemens
 3/9 lead motor 6/12 lead motor
 Wye-Delta
 ATL (across the line)

Valve Data (1 valve, 4 coils & 120VAC)

Brand: Maxton EECO Blain Dover
 Other: _____