

# FIND-IT-FAST PRODUCT MATRIX



## Interface Control Components

### USE THIS MATRIX TO SELECT THE APPROPRIATE CONTROL INTERFACE

Select **your controllers signal output** in the left column and **output required** to the actuator in the row across the top. Read the interface for your application where the row and column intersect.

Refer to the detailed product specifications arranged alphabetically in the **Control Interfaces** section of your **ACI Catalog** for more information.

YOUR SIGNAL	SIGNAL REQUIRED						
	Analog	Pressure	Pulse	Relay	Resistive	Floating Point	Serial
Analog	ARM, ARM2, ASA, 6N1, AIM1, 2 & 3	PXP*.3, EPC* EPC*B PXP100	ATP	ATL AAR	DRN3.1 DRN4	AFP	
Pressure	PTP PTP100	PTP + PXP*.3 PTP + EPC*	PTP + ATP	PTP + ATL PTP + AAR	PTP + DRN3.1 PTP + DRN4	PTP + AFP	
Pulse (Relay, Transistor, & Triac)	PTA, PTA2	EPW100 <sup>Custom</sup> EPW	PTA + ATP TOB (Booster)	DMUX	DRN3.1 DRN4	PTA + AFP	
Resistive	ARM, ARM2 AIM1 AIM2 RTI	ARM + PXP*.3	ARM + ATP RTI + ATP	RTI + ATL RTI + AAR ARM + ATL ARM + AAR	ARM + DRN3.1 ARM + DRN4 RTI + DRN3.1 RTI + DRN4	ARM + AFP	
Floating Point (Relay, Triac & Transistor)	AUD	EFP PTS4.1, PTS100	AUD + ATP TOB (Booster)	AUD + ATL AUD + AAR	DRN3.1 DRN4	FFP	
Low and Line Voltage		SW1		RIM2			

(See reverse for another detailed selector by product description)

**Note:** EFP\* replaces PTS3\* (see reverse)

EPW replaces PWP\* (see reverse)

## Interface Control Components



# FIND-IT-FAST PRODUCT SELECTOR

YOUR SIGNAL TO	SIGNAL REQUIRED BY DEVICE BEING CONTROLLED (Interface Output)	REQUIRED INTERFACE
FLOATING POINT (RELAY, TRIAC)	<p><b>Analog</b> current or voltage</p> <p><b>Floating Point</b> (adjustable ramping time)</p> <p><b>Resistance</b> (Proportional) with wide choice of ranges</p> <p><b>Resistance</b> (Proportional). Mounts on side of actuator</p> <p><b>Pneumatic</b> Pressure (bleed-type, single valve) Closed Loop</p> <p><b>Pneumatic</b> Pressure (valve controlled branch) Closed Loop</p> <p><b>Pneumatic</b> Pressure (valve controlled branch) Closed Loop, Fail Safe</p> <p><b>Pneumatic</b> Pressure (valve controlled branch) Closed Loop, w/ "Brown Out" Reset</p> <p><b>Pneumatic</b> High Pressure (non-bleed, two valve) Closed Loop</p>	<p>AUD</p> <p>FFP</p> <p>DRN3.1</p> <p>DRN4</p> <p>EFP (Replaces PTS3.3s)</p> <p>EFP2 (Replaces PTS3.3)</p> <p>EFP2FS (Replaces PTS3.3FS)</p> <p>PTS4.1</p> <p>PTS100</p>
ANALOG	<p><b>Analog</b> (Average, Highest, Lowest of 6 inputs, Difference of two inputs)</p> <p><b>Analog</b> Current or Voltage (Optically Isolated) 1:1 Ratio Input to Output</p> <p><b>Analog</b> Current or Voltage (Optically Isolated) Rescalable Output</p> <p><b>Analog</b> Current or Voltage <b>Rescaled</b></p> <p><b>Analog</b> Current or Voltage <b>Rescaled to Voltage (High Current Output)</b></p> <p><b>Analog</b> Current or Voltage <b>Rescaled to Dual Current Outputs</b></p> <p><b>Floating Point</b> (Nine Timing Ranges)</p> <p><b>Relays</b> (Four with Adjustable Trip Level)</p> <p><b>Pulse</b> Width Modulated</p> <p><b>Relays</b> -Two with Adjustable High and Low Trip Level (adjustable deadband)</p> <p>Proportional <b>Resistance</b> (choice of output ranges)</p> <p>Proportional <b>Resistance</b> (mounts on motor)</p> <p><b>Pneumatic</b> Pressure (bleed-type, single valve)</p> <p><b>Pneumatic</b> Pressure (valve controlled branch)</p> <p><b>Pneumatic</b> Pressure (valve controlled branch) Fail Safe</p> <p><b>Pneumatic</b> High Pressure (valve controlled branch)</p>	<p>6N1</p> <p>AIM1</p> <p>AIM2, AIM3</p> <p>ARM</p> <p>ASA</p> <p>ARM2</p> <p>AFP</p> <p>ATL</p> <p>ATP</p> <p>AAR</p> <p>DRN3.1</p> <p>DRN4</p> <p>PXP0/1/5/7.3, or EPC</p> <p>PXP2.3, or EPC2, EPC2GB</p> <p>PXP2.3FS, EPC2FS, EPC2GF5B</p> <p>PXP100</p>
PULSE (RELAY, TRIAC)	<p>Four or Eight Addressable <b>Relays</b> (jumpered overrides)</p> <p>Proportional <b>Resistance</b> (choice of output ranges, including custom)</p> <p>Proportional <b>Resistance</b> (mounts on actuator)</p> <p><b>Analog</b> Current or Voltage</p> <p><b>Analog</b> (0-10VDC output range)</p> <p><b>Pneumatic</b> Pressure (bleed-type, single valve)</p> <p><b>Pneumatic</b> Pressure (valve controlled branch)</p> <p><b>Pneumatic</b> High Pressure (valve controlled branch)</p> <p><b>Pneumatic</b> Pressure (bleed-type, single valve)</p> <p><b>Pneumatic</b> Pressure (valve controlled branch), Fail Safe</p> <p><b>Pulse</b> (Amplifies Pulse Signal)</p>	<p>DMUX</p> <p>DRN3.1</p> <p>DRN4</p> <p>PTA</p> <p>PTA2</p> <p>EPW (Replaces PWP.7)</p> <p>EPW2 (Replaces PWP2.3)</p> <p>EPW100 (Replaces PWP100) Cstm</p> <p>EPW (Replaces PWP.7)</p> <p>EPW2FS (Replaces PWP2.3FS)</p> <p>TOB</p>
RESISTANCE	<b>Analog</b> Current or Voltage	RTI, ARM, ARM2, AIM1, AIM2
PNEUMATIC	<b>Analog</b> (current or voltage)	PTP3/15, 3/30, PTP100
LOW OR LINE VOLTAGE	<p>24V to Fail-Safe 3-Way Pneumatic Valve</p> <p>24 VAC or VDC, 115, 230 VAC to 1 or 2 115 VAC, 10 amp relays</p>	<p>SW1</p> <p>RIM2</p>
OTHER	<p><b>DC Power Regulator</b> 24 VAC to Adjustable 2-24 VDC</p> <p><b>Programmable Signal Generator</b>, hand-held, generates analog, pulse signals</p> <p><b>Manual Pneumatic Override</b>/Electric</p> <p><b>Manual Digital Override</b> (Maintained and Fail-Safe)</p> <p><b>Manual Analog Override</b> (Adjustable), Voltage or Current</p> <p><b>Metal Enclosure</b>, 20 gauge, painted</p> <p><b>RS485 Lighting Contactor Interface</b> (accepts <b>Digital</b> maintained or momentary)</p>	<p>LPR</p> <p>PSG</p> <p>MPOE</p> <p>MDO2FS</p> <p>MAO</p> <p>ENC1</p> <p>PHOTON4.1</p>