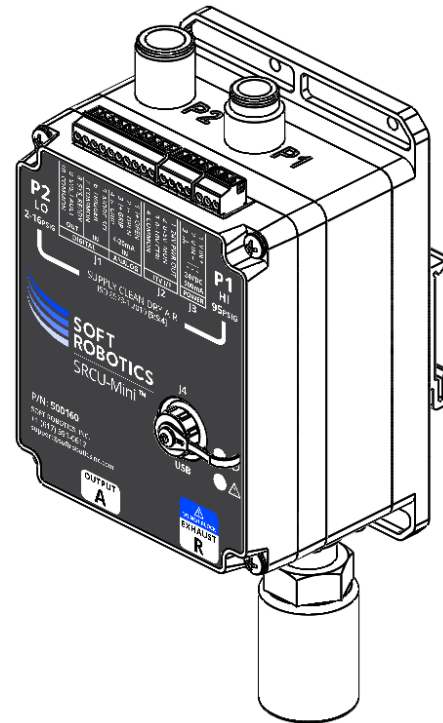
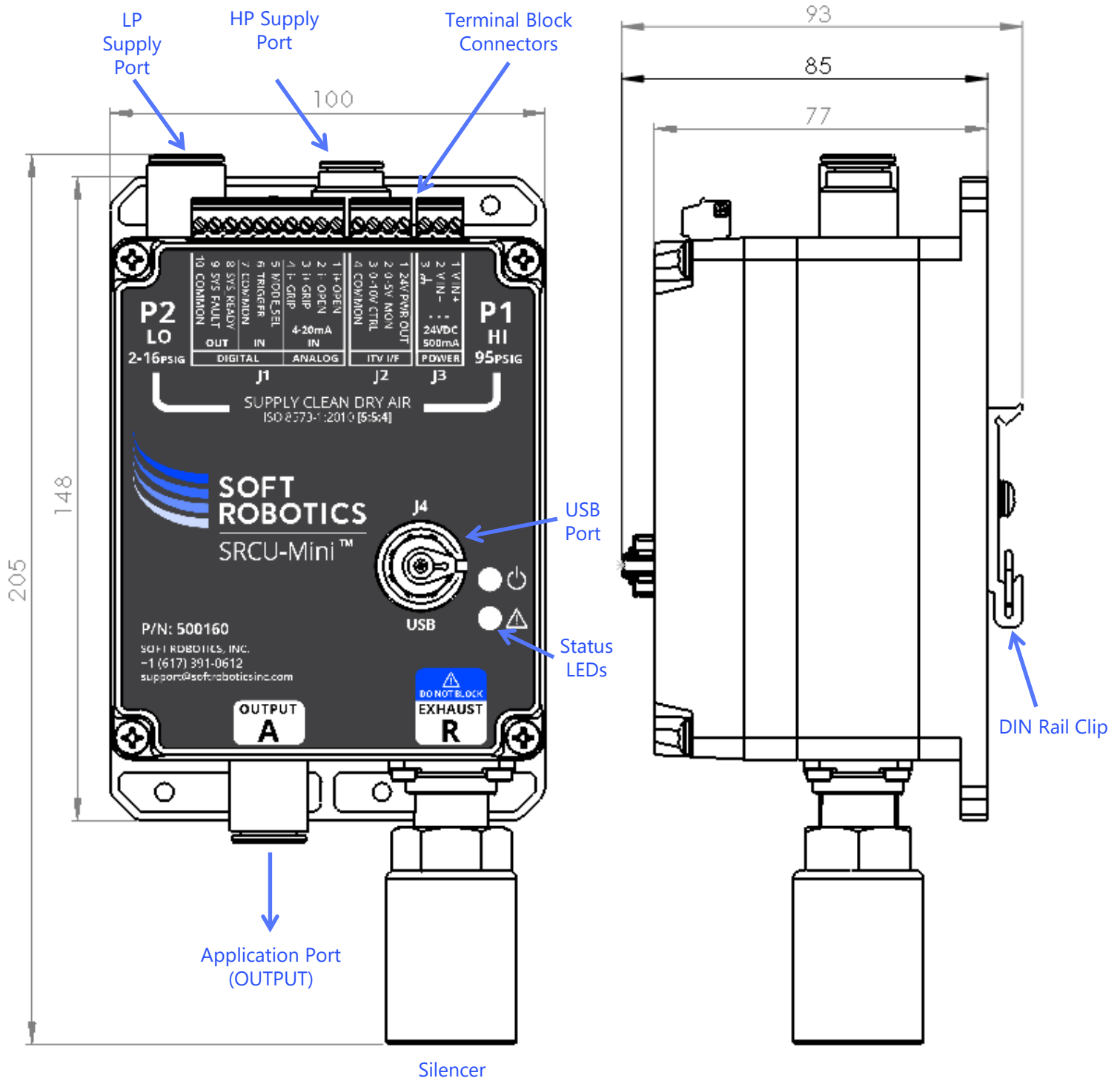
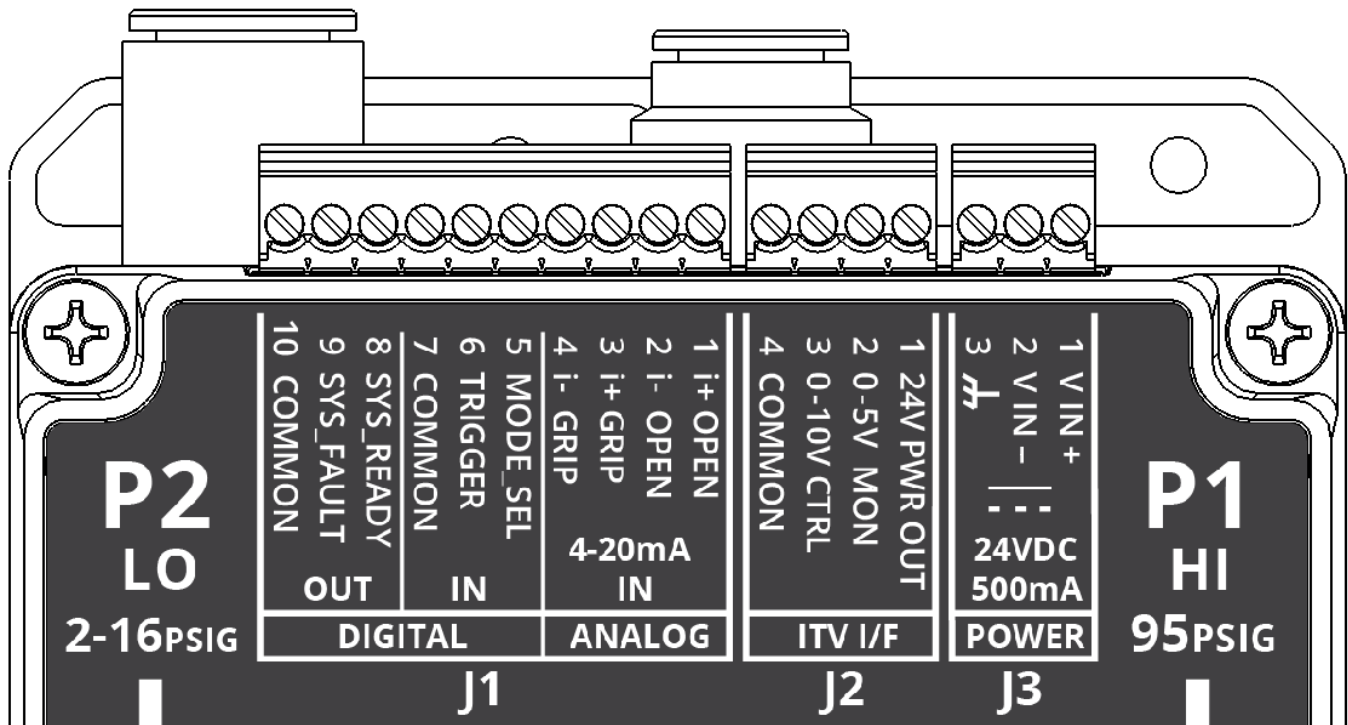


<b>Power Requirement</b>	<b>24 VDC +/- 10% @ 0.5 A</b>
<b>Control Interface</b>	<b>24 VDC digital I/O</b> 2 inputs – Trigger / Mode Select 2 outputs – Fault / System Ready
<b>Configuration Interface</b>	<b>(2) 4-20mA Analog Inputs</b> Grip Strength & Opening Amount
<b>IP Class</b>	<b>IP40</b>
<b>Regulatory Compliance</b>	<b>CE</b> - EMC Directive (2014/30/EU) & LV Directive (2014/35/EU) <b>FCC</b> Part 15
<b>High Pressure Input Air Requirement</b>	95 psig @ 2-8 cfm conditioned per ISO 8573-1 [5:5:4]
<b>Low Pressure Input Air Requirement</b>	2 – 14 psig conditioned per ISO 8573-1 [5:5:4]



Specification	Value	Notes
Mass	1.4 kg	
Dimensions (L x W x H)	20.5 cm x 10.0 cm x 9.3 cm	Includes silencer & DIN rail clip
Mounting	Flange or 35mm DIN Rail Mount	Preferred orientation as shown with silencer facing downward
Output Air Pressure	-10 to +14 psig	
Operating Environment	5 – 40 C / 80% non-condensing humidity / <2000m above MSL	
High-Pressure Supply Connection	10 mm diameter tubing push-to-connect	PU hardness A95 Nylon hardness D55
Low-Pressure Supply Connection	12 mm diameter tubing push-to-connect	PU hardness A95 Nylon hardness D55
Output Air Connection	12 mm diameter tubing push-to-connect	PU hardness A95 Nylon hardness D55



**— ELECTRICAL CONNECTIONS —**

**J1 PINOUT – I/O CONNECTIONS**

<b>PIN1</b>	OPENING AMOUNT I+ (4-20 mA)
<b>PIN2</b>	OPENING AMOUNT I- (4-20 mA)
<b>PIN3</b>	GRIP STRENGTH I+ (4-20 mA)
<b>PIN4</b>	GRIP STRENGTH I- (4-20 mA)
<b>PIN5</b>	MODE_SELECT INPUT
<b>PIN6</b>	TRIGGER INPUT
<b>PIN7</b>	INPUT_COMMON
<b>PIN8</b>	SYSTEM_READY OUTPUT
<b>PIN9</b>	SYSTEM_FAULT OUTPUT
<b>PIN10</b>	OUTPUT_COMMON

**J2 PINOUT – TRANSDUCER CONNECTIONS**

<b>PIN1</b>	24VDC POWER TO ITV-2030
<b>PIN2</b>	0-5V DC MONITOR FROM ITV-2030
<b>PIN3</b>	0-10V DC CONTROL TO ITV-2030
<b>PIN4</b>	COMMON TO ITV-2030

**J3 PINOUT – INPUT POWER CONNECTIONS**

<b>PIN1</b>	<b>(+) POSITIVE</b> , 24 VDC SUPPLY
<b>PIN2</b>	<b>(-) NEGATIVE</b> , 24 VDC SUPPLY
<b>PIN3</b>	CHASSIS CONNECTION** **MUST BE CONNECTED TO (-) NEGATIVE AT POWER SUPPLY