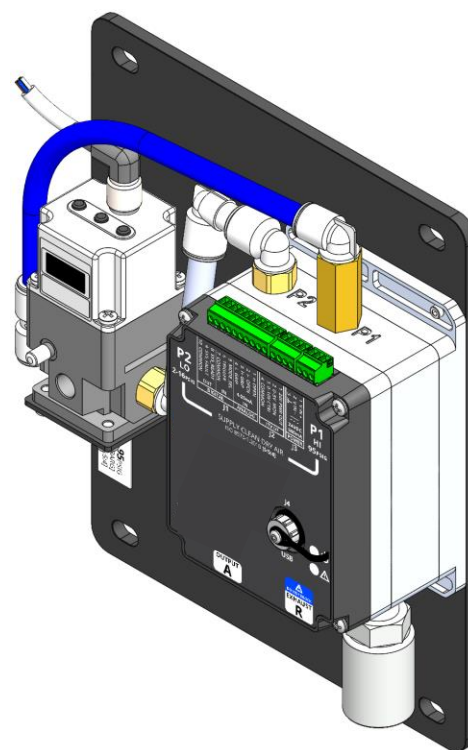


SRCU-Mini-A Mounted
mGrip CONTROL UNIT MINI-ANALOG MOUNTED



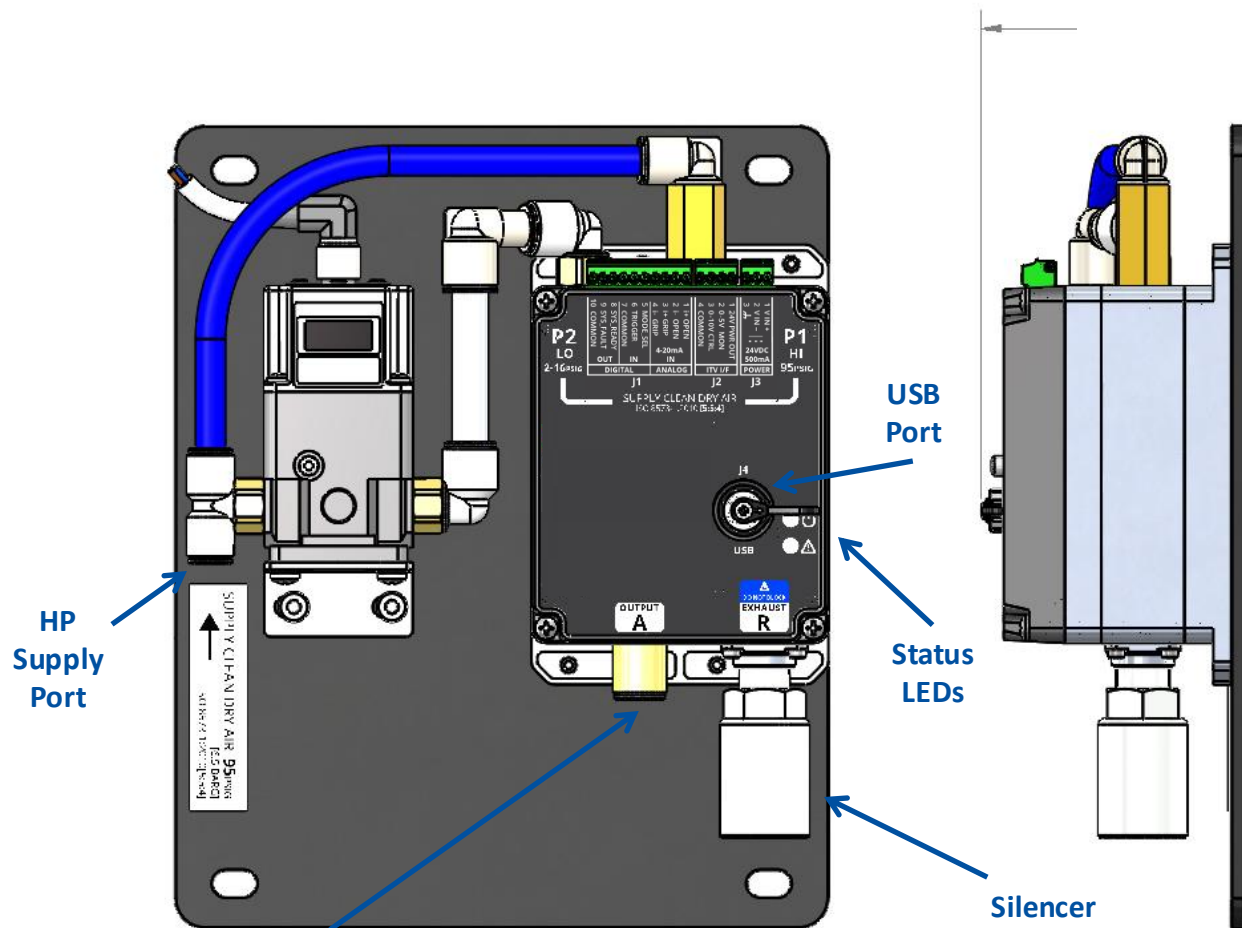
Power Requirement	24 VDC +/- 10% @ 0.5 A
Control Interface	24 VDC digital I/O 2 inputs – Trigger / Mode Select 2 outputs – Fault / System Ready
Configuration Interface	(2) 4-20mA Analog Inputs Grip Strength & Opening Amount
IP Class	IP40
Regulatory Compliance	CE - EMC Directive (2014/30/EU) & LV Directive (2014/35/EU) FCC Part 15
High Pressure Input Air Requirement	6,5 bar @ 60-230 l/min conditioned per ISO 8573-1 [5:5:4]
Low Pressure Input Air Requirement	0,14-0,96 bar conditioned per ISO 8573-1 [5:5:4]



Specification	Value	Notes
Mass	3.0 kg	
Dimensions (L x W x H)	27 cm x 22 cm x 9.1 cm	Does not include electrical connections
Mounting	4x 9mm by 15mm Slots	
Output Air Pressure	-0,68 to +0,96 bar	
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
Output Air Connection	12 mm diameter tubing push-to-connect	PU hardness A95 Nylon hardness D55

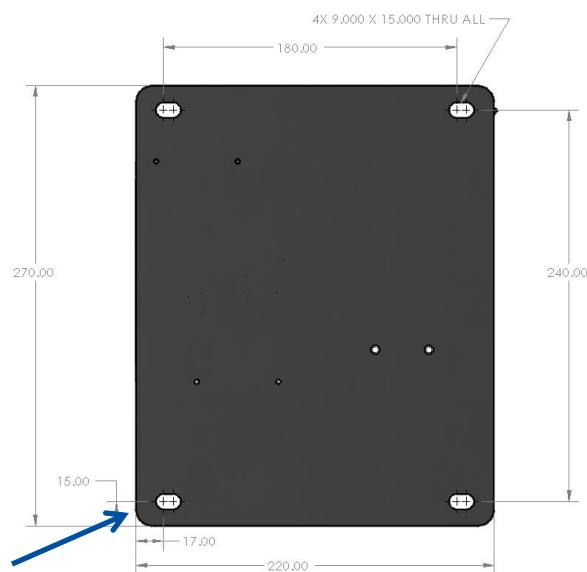
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SRCU-Mini-A Mounted
mGrip CONTROL UNIT MINI-ANALOG MOUNTED



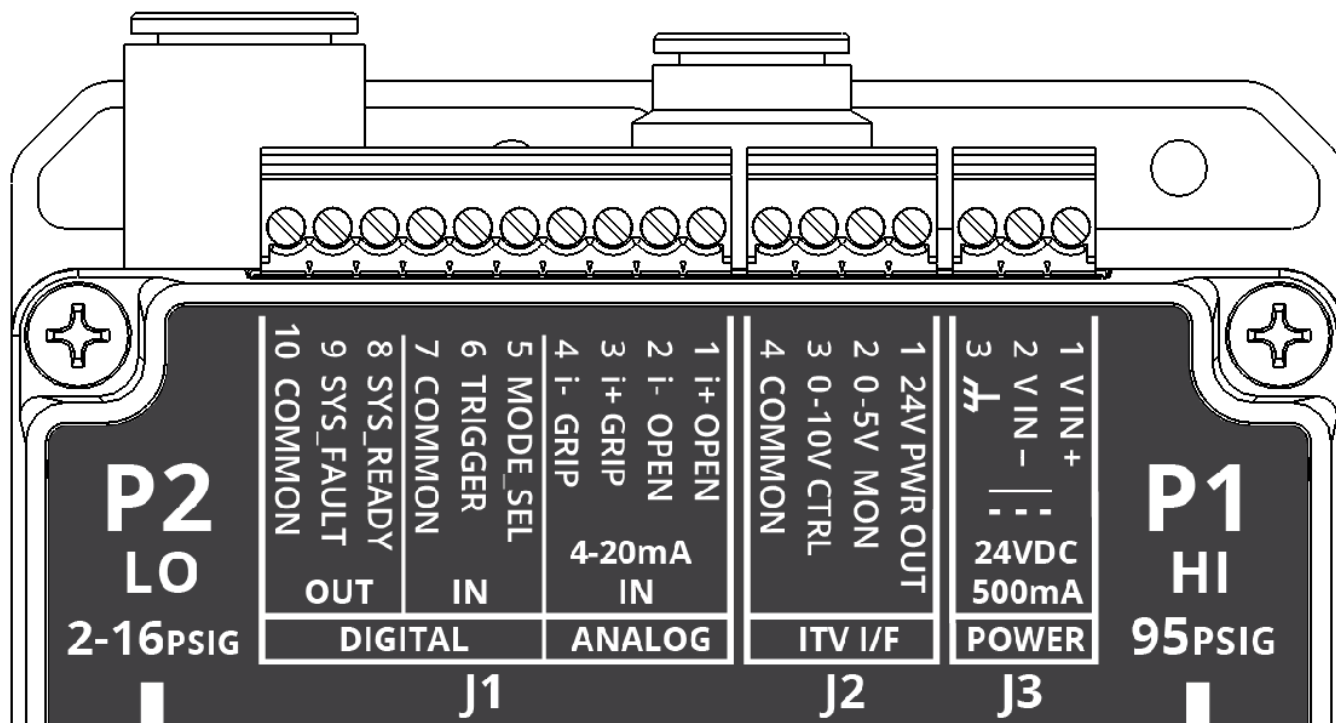
Application Port
(OUTPUT)

Mounting
holes



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ELECTRICAL CONNECTIONS



J1 PINOUT – I/O CONNECTIONS

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

J2 PINOUT – ITV REGULATOR CONNECTIONS

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

J3 PINOUT – INPUT POWER CONNECTIONS

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

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