

► **Safe area**

Our PRO is a flexible solution for remotely controlling all your Blackline 2.0 metering pump M and R models.
Designed to suit the most critical applications with solid construction and comprehensive control interface providing ease-of-process management.
High quality material, aluminium casing with anti-acid coating and IP65 enclosure protection.
Variable gearbox orientation 0°-90°.

► **Technical data**

		M	R
MECHANICAL DATA	Max. flow rate (@ 1,5 bar)	800 l/hr	300 l/hr
	Max pressure	12 bar	100 bar
	Max. stroke frequency	155 strokes/min	114 strokes/min
	Liquid temperature	-10°C +40°C	-10°+90°C
	Max. weight	28 Kg	26 Kg
	Precision	+/- 3%	+/- 3%
	Linearity	+/- 5%	+/- 3%
	Accuracy of repeatability	+/- 3%	+/- 3%
	Max. suction lift	2 m	
	NPSHa	9,5 mt	
	Turndown ratio	500:1	
	Sound pressure (@ 1 mt)	<65 dbA	
	Materials (actuator, casing, motor)	Aluminum	
	Finishing (actuator, casing)	Electrophoretic deposition (EPD)	
ELECTRICAL DATA	Max power consumption	750W	
	Max. motor phase current	3,5 A	
	Max. current absorption	6,5 A	
	Power Supply	110 (-15%) V AC - 230 (+10%/-15%) V AC	
	Frequency	50/60 Hz	
	Operating temperature	-10/40 °C 14/113 °F	
	Max inrush current	2,3A (110V) - 5A (230 V)	
	Enclosure class (actuator only)	IP65	
	Recommended fuse	6,3 x 32mm 8A	
	USB	Type USB 2,0 HOST	
SERIAL INPUT	MODBUS		Half Duplex RS-485
	4-20 mA	Input Voltage /Control input	14 V DC
		Impedance	120 Ω
		Max load	28 V DC
	Pulse	Max resistance in pulse circuit	15 KΩ
		Min pulse length	10ms
		Remote	
	Level	Max load START/STOP digital input	28 V DC
		Max load STOP digital input	28 V DC
		Max load START digital input	28 V DC
OUTPUT	4-20 mA	Input Voltage /Control input	24 V DC
	Relays	Max load	24 V DC 3A

► **Overall dimensions**

