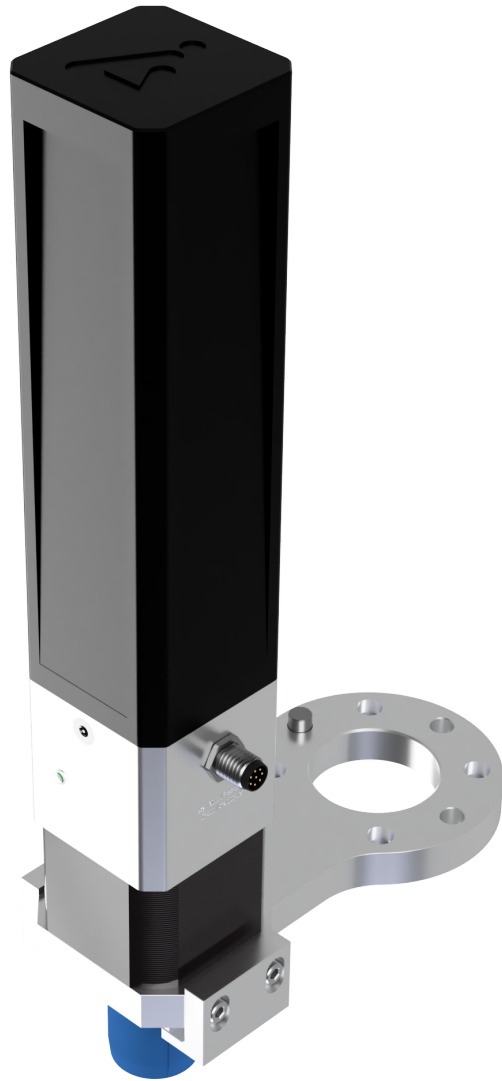


AIM ROBOTICS

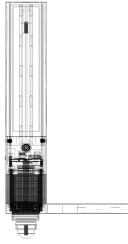
DISPENSING MADE SIMPLE



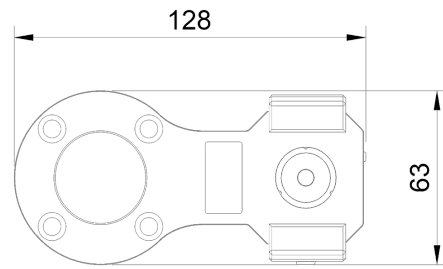
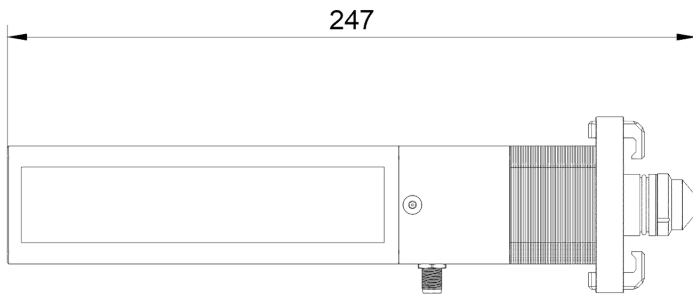
SD 30/55 DATASHEET

30/55 cc syringe barrels / Single M8-8pin cable / Fast setup

SD 30/55 Dispenser



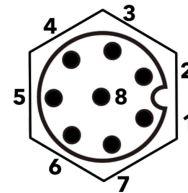
- *Volumetric Dispensing*
- *Use with 30-55cc syringes*
- *Single 8-pin connection*



Connection Diagram

| | | |
|---|--------|----------|
| 1 | White | RS485 A+ |
| 2 | Brown | RS485 B- |
| 3 | Green | D0 |
| 4 | Yellow | D1 |
| 5 | Grey | +24V |
| 6 | Pink | GND |
| 7 | Blue | +24V |
| 8 | Red | GND |

M8 8-pin pinout



Technical Data at 24V DC and 20 °C

| | |
|--|---|
| Material Dispensing Technology | LMVD - Linear Motion Volumetric Dispenser |
| Dispensing Variance (constant Material Feed Pressure) | up to +/- 2% |
| Supported Viscosity Range | 1 cPs to 3 000 000 cPs |
| Supply Voltage | 24 V DC ±10 % Ripple P-P 10 % or less |
| Current Consumption | 600mA RMS |
| Input | RS 485 @115200bps 2x Digital Inputs |
| Electrical Interface | M8 8-pole |
| Mechanical Interface | ISO 9409-1, type 50-4-M6 |
| Weight | est. 0.7kg 1.55lbs |
| Dimensions | est. 128 x 63 x 247 5 x 2.5 x 9.75 |
| Short Circuit Protection | Incorporated |
| Operation indicator | Multi Color LED (Green when On, Red when Error) |
| Operating temperature | -10 to +55 °C 14 to +131 °F (No dew condensation or icing) |
| IP Class | IP65 (IEC) |
| Housing Material | Aluminum 6061 |

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