

Infusion Pump BD CareFusion Alaris

MODULE, PUMP BP CARFUS ALARIS MEDLEY 8100 SERIES R

Manufacturer #	CARFUS ALARIS MED 8100
Brand	BD CareFusion Alaris
Manufacturer	Soma Technology
Application	Infusion Pump
Dimensions	3.3 X 5.5 X 8.9 Inch
UNSPSC Code	42222012
Weight	2.5 lbs.



Features

- Fluid ingress protection: IPX1, Drip proof infusion of air, means to protect patient from: ultrasonic air-in-line detection maximum single bolus size = selectable 50, 75 or 250 microliters nominal (500 microliters in anaesthesia mode)
- Infusion pressure, maximum: 654 mmHg (maximum occlusion alarm threshold plus tolerance)
- KVO (Keep vein open) rate: Factory default setting is 1 mL/h if set rate is 1 mL/h or above; or set rate, if rate is 0.9 mL/h or below
- KVO selection range: KVO rate can be set in system configuration from 0.1-20 mL/h in 0.1 mL/h increments
- Occlusion alarm thresholds: Pump mode - 525 mmHg at rates ≥ 30 mL/h; varying level based on rate and patient back-pressure at rates < 30 mL/h, selectable mode: User selected from 50 to 525 mmHg in 25 mmHg increments
- Operating principle: Positive displacement rate accuracy: Rate accuracy of the Medley™ medication safety system is $\pm 5\%$ at rates between 1 and 999 mL/h and $\pm 5.5\%$ at rates < 1 mL/h, 95% of the time with 95% confidence, under the conditions listed below
- Infusion rate range: 0.1 to 999 mL/h
- Ambient temperature: $68 \pm 4^\circ\text{F}$ ($20 \pm 2^\circ\text{C}$)
- 20 Inch Above the top of the pump module source container height
- Test solution: Distilled water
- 0 mmHg (0 kPa) Distal back pressure
- Needle: 18 Gauge
- Administration Set Model 2210