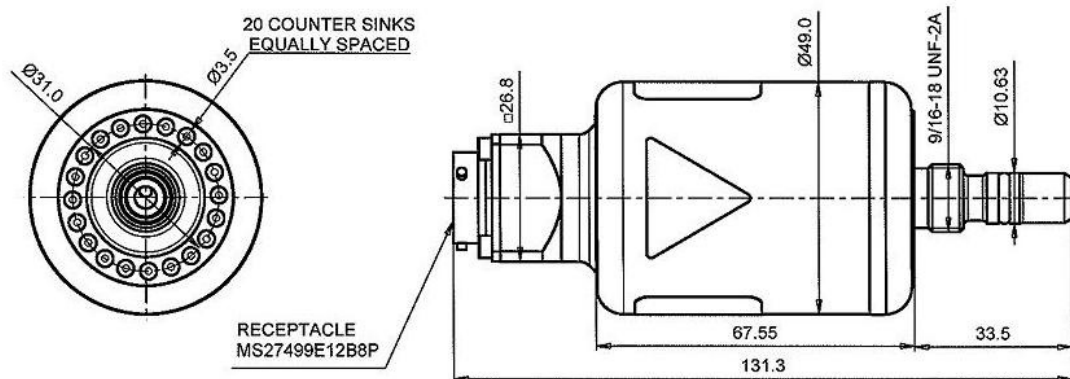


Pressure Vessel

This APV pressure vessel, with pyrotechnically operated puncher, is designed to actuate, provide motion and cool airborne / defense products (gas type according to customer specification). The APV pressure vessel contains redundant pyrotechnical and electrical elements, consisting of two electrically operated cartridges and a dual bridge (single charge each).

As all MTC pressure vessels, the APV conforms to stringent safety standards and is highly resistant under the harsh environmental conditions typical for this kind of product.



Specification

Parameter	Unit	Value	Tolerance
Working pressure at room temperature	psi	5,000	-200
Working temperature range	°C	-62 – +71	-
Vessel's volume	litre	0.062	-
Vessel charged	kg.	0.475	± 0.025
Electrically operated cartridges (for each cartridge) :			
- no fire current	A	1	(5 min)
- all fire current	A	3.5	(recomm.: 5A)
- bridge wire resistance	Ohm	1	± 0.1

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