

Equipment	Horizontal measuring system		
Model	ZCE5-H-80 with mechanical register		
4-Multi-function valve – XAD37 with electromechanical control box			
Operating principle	Piston operated by differential pressure with electromechanically controlled inlet circuit.		
Body material	Steel (EN 1.0625)		
Cylinder material	Aluminum (EN AC-42100)		
Piston material	Aluminum with lining (EN AW-7075)		
Retaining spring material	Stainless steel		
Decompression ball - Thermal relief valve	Calibrated at 0.4 bar		
Adjusting screw	For closing time adjustment		
Electrical control box - AC16	Drive shaft controlled by 2 electromagnets allowing operation in low flow rate and high flow rate.		
Electromagnets specifications	220VAC 50Hz, peak inrush intensity: 2A, holding intensity: 1A		
External coating	Acrylic-Epoxy coating RAL5010		
5-Register			
Register type	Mechanical register		
Model	VR7887, 5 digits – direct metering, differential metering (option), 6 digits (option)		
Accessories	Preset with valve, printer, pulses transmitter		
Environmental			
Ambient working temperature	min / max	-25°C, -40°C (option) / +55°C	-13°F, -40°F (option) / +131°F
Storage temperature	min / max	-40°C / +80°C	-40°F / +176°F
Certification			
ATEX	II 2 G c T4 Gb		
European metrology	CE /MID Type examination certificate n°LNE-6184		
International metrology	OIMLR117-1, type compliance certificate n°LNE-24351		
Standards compliance	API, ASME, NATO. See note 1		

Note 1: Contact us for further information about standards compliance.

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Countum Group

SATAM

Metering Solutions

Equipment	Horizontal measuring system
Model	ZCE5-H-80 with mechanical register
Dimensions and weight	
Weight: kg	

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