

ELECTRONIC FLOW METERS

K600 New Type Oval Gear Meter



New Product



K600 NEW TYPE OVAL GEAR METER

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K600 NEW TYPE OVAL GEAR PULSE METER

K600 METERS SATISFY THE MOST DIVERSE NEEDS FOR MEASURING DISPENSED PRODUCT IN THE PRIVATE DISTRIBUTION OF FUELS, LUBRICANTS AND HIGH VISCOSITY LIQUIDS. THE PRINCIPLE OF MEASURING WITH OVAL GEARS, USED IN A METER, PROVIDES PRECISION COMPARABLE TO PISTON METERS WITHOUT THE HIGH LOSS OF HEAD THAT CHARACTERIZES THEM.

THESE METERS COMBINE:

- A WIDE RANGE OF FLOW RATES
- HIGH PRECISION OVER THE ENTIRE RANGE
- LOW HEAD LOSS
- EASE OF INTERFACING THEM TO DIGITAL DISPENSED VOLUME INDICATORS MAKING THE K600 AN INNOVATIVE AND CONVENIENT SOLUTION FOR EQUIPPING:
- PRIVATE FUEL PUMPS
- FIXED SYSTEMS FOR TRANSFERRING/ DISTRIBUTING LUBRICANTS
- INDUSTRIAL APPLICATIONS

IF NEEDED THE K600 CAN ALSO BE PROVIDED WITH A LOCAL INDICATOR OF THE VOLUME DISPENSED.

PERFORMANCE CHARACTERISTICS

- FLOW RATES: FROM 6 TO 100 LITRES/MIN
- ACCURACY: +/- 0.5%
- OPERATING PRESSURE: 3/4" 70 BAR MAX, 1" 30 BAR MAX
- SIGNAL: SINGLE OR DOUBLE CHANNEL, CLEAN CONTACT

DISPLAYS

- 5 DIGIT PARTIAL
- HEIGHT 11.5MM (FROM 0.001 TO 9.999)
- 8 DIGIT TOTAL, HEIGHT 5MM

CONSTRUCTION CHARACTERISTICS

ALUMINIUM METERING CHAMBER, PROVIDED WITH EXTERNAL ATTACHMENT GUIDES FOR A SIMPLE AND PRACTICAL INSTALLATION. THE VARIOUS MODELS ARE DIFFERENTIATED BY THE LENGTH OF THE MEASURING CHAMBER.

THE INLET/OUTLET PORTS ARE ARRANGED AXIALLY AND ARE PROVIDED WITH FEMALE THREADS MACHINED DIRECTLY FROM THE MEASURING CHAMBER OR COUNTER FLANGE FOR CONNECTION TO OTHER LINES.

THE ACCURATELY MANUFACTURED, MODULAR DESIGNED OVAL GEARS ARE MADE OF ACETAL RESIN. THE ALUMINIUM CHAMBER COVER HOUSES THE PULSER CARD OR THE (OPTIONAL) METER CARD. THE PULSER CARD IS EQUIPPED WITH REED AMPOULES TO DETECT THE SIGNAL FROM MAGNETS LOCATED ON THE GEARS, PERMITTING ITS CONNECTION TO REMOTE DIGITAL INDICATORS. THE METER CARD IS EQUIPPED WITH A BATTERY-POWERED MICROPROCESSOR (TWO 1.5 VOLT ALKALINE BATTERIES) THAT DISPLAY THE (RESETTABLE) PARTIAL AND TOTAL VOLUMES DISPENSED ON AN LCD AND ALLOWS FOR THE CALIBRATION OF THE METER.



TECHNICAL INFORMATION

CODE

Description	Flow Rate Range L/min	Max Operating Pressure		Flow* Direction	Pulser		IN/OUT Connection	Compatible Fluids	Weight Kg	CODE
		Bar	Psi		P/L	P/Gal				
K600/Oil	6-60	70	994	↑			3/4"	O,A	1.6	496A20
K600/3 Diesel	10-100	30	426	↑			1"	D,A	1.6	496A00
K600/2-3 3/4" Oil	6-60	70	994	↑	33	130	3/4"	O,A	2.0	472A20
K600/3 1" Diesel	10-100	30	426	↑	35	133	1"	D,A	2.6	472A00

FOR PULSE REMOTE DISPLAYS SEE PAGE 59

*Flow can go the other way by rotating the Float Chamber

COMPATIBLE FLUID LEGEND

O = LUBRICATING AND TRANSMISSION OIL D = DIESEL FUEL A = ANTI-FREEZE