

ELECTRONIC FLOW METERS

K400 Oval Gear Meter



New Product



K400 METERS SATISFY THE REQUIREMENTS FOR MEASURING DISPENSED PRODUCT IN THE PRIVATE DISTRIBUTION OF LUBRICANTS AND HIGH VISCOSITY LIQUIDS. THE PRINCIPLE OF MEASURING WITH OVAL GEARS ALLOWS HIGH PRECISION WITH REDUCED HEAD LOSS. ADDITIONAL ADVANTAGES ARE:

- REDUCED WEIGHT
- MINIMAL SIZE
- EASE OF INTERFACING TO DIGITAL INDICATORS

THE K400 PULSE METER IS A CONVENIENT SOLUTION FOR:

- FIXED SYSTEMS FOR TRANSFERRING AND DISTRIBUTING LUBRICANTS
- AS AN ACCOMPANIMENT TO A DISPENSING NOZZLE

PERFORMING CHARACTERISTICS

- FLOW RATES FROM 1 TO 30 LITRES/MIN
- ACCURACY: +/- 0.5% OVER THE ENTIRE RANGE OF FLOW RATES
- REPEATABILITY PLUS OR MINUS 0.2%
- OPERATING PRESSURE: 70 BAR MAX
- SIGNAL: SINGLE CHANNEL (AVAILABLE IN A DOUBLE CHANNEL VERSION ON REQUEST). CLEAN CONTACT

DISPLAYS

- 4 DIGIT PARTIAL
- HEIGHTS 11.5MM (0.000 TO 9.999)
- 8 DIGIT TOTAL, HEIGHT 5MM

CONSTRUCTION CHARACTERISTICS

ALUMINIUM MEASURING CHAMBER. THE INLET/OUTLET PORTS ARE ARRANGED AXIALLY (MACHINED DIRECTLY ON THE MEASURING CHAMBER). THE 1/2" PORTS ARE FEMALE THREADED.

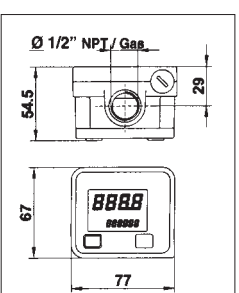
THE ACCURATELY MANUFACTURED OVAL GEARS ARE MADE OF ACETAL RESIN. THE ALUMINIUM CHAMBER COVERS CONTAIN A PULSER CARD OR A METER CARD. THE PULSER CARD IS EQUIPPED WITH REED AMPOULES TO DETECT THE SIGNAL FROM MAGNETS ON THE GEARS, ALLOWING ITS CONNECTION TO REMOTE DIGITAL INDICATORS. THE METER CARD IS EQUIPPED WITH A BATTERY-POWERED MICROPROCESSOR (TWO 1.5 V ALKALINE BATTERIES) THAT DISPLAYS THE (RESETTABLE) PARTIAL AND TOTAL VOLUMES DISPENSED AND PERMITS CALIBRATING THE METER.

OPTION

- NEW KA400 PTB APPROVED VERSION AVAILABLE

TECHNICAL INFORMATION

CODE



| Description | Max Flow Range L/min | Max Operating Pressure | | Pulse per Litre | Compatible Fluids | IN/OUT Connection | Weight Kg | CODE |
|----------------------------------|----------------------|------------------------|-----|-----------------|-------------------|-------------------|-----------|---------------|
| | | Bar | Psi | | | | | |
| Meter K400 CAL L/Gas | 1-30 | 70 | 994 | | O,D,A | 1/2" | 0.5 | 47500A |
| K400 Windscreen | 1-30 | 70 | 994 | | O,D,A,W | 1/2" | 0.5 | 483020 |
| Pulse Meter 400 BSP (Pulse) | 1-30 | 70 | 994 | 100 | O,D,A | 1/2" | 0.5 | 440000 |
| Pulse Meter K400 Windscreen | 1-30 | 70 | 994 | 100 | O,D,A,W | 1/2" | 0.5 | 44007A |
| Rubber Protection for K400 Meter | | | | | | | | 8277 |

COMPATIBLE FLUID LEGEND

O = LUBRICATING AND TRANSMISSION OIL D = DIESEL FUEL A = ANTI-FREEZE W = WINDSCREEN WASH LIQUID