

The Elster Kent Product Range

Elster Kent Metering is an industry leader and world-class provider of advanced metering products and intelligent metering solutions. Elster Kent's long lasting success comes from its heritage of innovation and quality. By confining high quality, accurate meters with information technology solutions and wireless communications, Elster Kent is taking metering to the next generation.

Offices in Johannesburg, Cape Town, Durban, Port Elizabeth and Bloemfontein. We also have an extensive footprint in Africa.

Domestic Water Meters



VOLUMETRIC WATER METERS The V110 NRV KSM (Polymer body) and V100 NRV PSM (DZR brass body)

15mm (114), 15mm (165), 20mm (165)
& 25mm (198).
Class C accuracy.
Max flow rates: 3m³/h (15mm) to
7m³/h (25mm).
Max working pressure: 1 600 kPa.



OPTIMA MULTIJET WATER METER M100P (Polymer body) and M100 (DZR brass body)

M100P: 15mm (165).
M100: 15mm (165), 20mm (165), 25mm (260),
40mm (300).
Class C accuracy.
Max flow rates: 3 m³/h (15mm) to 20 m³/h (40mm).
Max working pressure: 1 600 kPa.
NRV optional.

V200H HYBRID VOLUMETRIC POLYMER ELECTRONIC METER



Intelligent LCD counter: Tariff capability, Battery
and flow related alarms, Flowrate and versatile
data logging.
Built-in radio for AMR/AMI.
15mm (114), 20mm (165) & 25mm (198).
Class D accuracy.
Max flow rates: 3 m³/h (15mm) to 7 m³/h (25mm).
Max working pressure: 1 600 kPa.
Battery life up to 10 years.

Surface Meterboxes



STANDARD POLYMER METERBOX

Suitable for all 165mm body length meters
(Volumetric and Multijet).
Municipal 3-way polymer ball valve (Open, Closed
or Trickle) with optional lock shield.
External connections: 20mm Female threaded.
Optional: DZR brass reinforced female threads
or Y strainer.



STANDARD RDP4 CONTRACTORS POLYMER METERBOX

15mm V110 NRV KSM (114) meter.
Municipal 3-way polymer ball valve (Open, Closed
or Trickle) with optional lock shield.
External connections: 20mm female threaded.
Optional: DZR brass reinforced female threads.

Above Ground Meterboxes



ZONKE ABOVE GROUND POLYMER METERBOX

Suitable for all 114mm and 165mm body length meters
(Volumetric and Multijet).
25mm internal piping.
Municipal 3-way polymer ball valve (Open,
Closed or Trickle) with optional lock shield.
Consumer 2-way polymer ball valve.
External connections: 20mm female threaded.
Note: Also available in Pre-paid configuration.



EZ3 ABOVE GROUND POLYMER METERBOX

15mm V110 NRV KSM (114) meter. (Version with 25mm
meter also available.)
25mm internal piping.
Municipal 3-way polymer ball valve (Open, Closed or
Trickle) with optional lock shield.
Consumer 2-way polymer ball valve.
External connections: 20mm female threaded.



WALL MOUNTED PRE-PAID METERBOX

15mm V110 NRV KSM (114) meter.
Municipal 3-way polymer ball valve (Open, Closed or
Trickle) with optional lock shield.
External connections: 20mm female brass
threaded coupling.
Note: Also available in Pre-paid configuration.

Pre-Paid Stand Pipe



PRE-PAID COMMUNAL STANDPIPE

Designed to control dispensing of Pre-Paid water to communal sites with no individual household connections. Use same components i.e. Pulse output KSM meters, Isolating latching valve and Electronic control box (just configured differently) as domestic pre-paid meter. Manage Free Basic Water. Tamper detection. Replaceable battery. Battery life up to 3 years, depending on number of users.

Bulk Water Meters



HELIX H4000 WOLTMANN WATER METER

Range: 40/50/80/100/150/200/250/300mm. Interchangeable internal mechanism. Suitable for forward and reverse flow measuring. Versatile bi-directional inductive pulse output with external PR7. Pressure tapping. Max working pressure: 1 600 kPa.



HELIX H5000 HYBRID WOLTMANN WATER METER

Range: 40/50/80/100/150mm. Innovative measuring technology ensures wide measuring range (better than most combination meters). Electronic register with integral pulse output provides versatile outputs and informative display. Interchangeable internal mechanism. H4000 body can be retro-fitted with H5000 internal mechanism (40-100mm only). Suitable for forward and reverse flow measuring. Pressure tapping. Max working pressure: 1 600 kPa. Battery life up to 15 years.



H4010 IN-LINE STRAINER

Range: 40/50/80/100/150mm. Aperture size 3mm. Low head loss. Heavy duty stainless steel sieve with end-plates and special wave design for large surface area coverage.



R1000 IRRIGATION WATER METER

Range: 50/80/100/150/200/250mm. Unconstricted metering compartment with wide passageways for suspended solids. Low head loss. Pulse output. Max working pressure: 1 600 kPa.

Q4000B BATTERY POWERED ELECTROMAGNETIC FLOW METER



Range: 50/80/100/150/200mm. No programming or calibration required. Innovative flangeless design for easy installation. Large informative LCD. High sampling rate (0.5 sec). Bi-directional pulse output. Battery life up to 10 years. (Can be extended by another 10 years with additional battery). Max working pressure: 1 600 kPa.



C4000 In-Line Combination Water Meter

Consisting of an H4000 Woltmann Helical Vane inferential type water meter and an integral V220 class C bypass meter. Range in mm: 50/80/100. Max working pressure 1600 kPa.

AMR/AMI Range



METER INTERFACE UNIT (MIU)

Suitable for most pulse output meters. Ultra low power technology (Battery life up to 10 years). Long range RF transmission (LOS up to 1km, indoors up to 200m). No license required. Can connect up to 4 meters. Remote configuration includes data logging, measurement periods and alarm thresholds such as tamper, leak and low battery.



DATA CONCENTRATOR

In a fixed network, the link between AMR-enabled meters and Utility's server. Communicates with MIU's at the meter via RF and GSM or Ethernet with the server. Mains powered. Reading of up to 2 000 meters per Concentrator. No license required.



HONEYWELL HAND HELD DATA COLLECTION UNIT

Walk-by automatic meter reading. Integrated radio for RF communication with AMR enabled meters.

Training

Intensive on-site training inclusive of installation, commissioning, operation and maintenance, both hardware and software is conducted. Remote desktop software support forms an integral part of the training, thus ensuring smooth operation of the system as a whole.

Warranty

All goods are tested and inspected prior to despatch. In the event of defects resulting from faulty workmanship or materials, such goods will be replaced/repared at our discretion, free of charge at the factory, but no responsibility will be accepted for any direct or consequential damage. This warranty covers the malfunction of a correctly installed item due to a manufacturing fault, but does not cover wear and tear considered normal at the locality of installation. Meter warranty 3 years from date of manufacture. Electronics warranty 1 year from date of manufacture.

Approvals

Department of Trade Metrology SANS (1529-1:2006), SANS (1529-9:2008)

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7405/4/2014



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Vital Connections