



Special Features

- Calibrated cartridge – field replaceable
- Large area, downward facing strainer - low head loss
- Star wheel to detect extremely low flows
(Tell tale to indicate system leakage)
- Large digit, easy-to-read roller counter
- Highly durable UV-resistant plastic body
- Tamper-proof internal calibration
- Low flow sensitivity associated with wet dial design
- Special disassembly key prevents tampering
- Light weight *(less than half the weight of an equivalent brass-bodied meter)*
- Labyrinth seal protects register from ingress of dirt

Approvals

Meter SANS :	SA 1254
Cartridge SANS :	1254 Alt.No. 1
Test Laboratory :	SABS 0259
JASWIC :	1097
German PTB :	D90 6.131.59
European :	ISO 4064, ISO 9001

Application

- Domestic water metering
- Cold water up to 40°C
- Working pressure up to 1600kPa
- Meter box applications
- Horizontal installation

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Technical Specification

Meter Size (acc. to EEC/SANS 1529-1:2003)	Qn	1,5	2,5
Nominal bore	mm	15	20
Threaded connections (male BSP)	inches	¾	1
Body length (excl. nuts and tails)	mm	165	165
Height	mm	125	125
Width	mm	100	100
Mass	gram	475	480
Pressure rating	kPa	1,600	1,600
Test pressure	kPa	2,400	2,400
Burst pressure (minimum)	kPa	5,000	5,000

Performance Specification

Multijet, wet dial meters for horizontal installation,

Maximum temperature 40°C

In accordance with DIN/ISO 4064 Part 1 (European Approval No. D90/6.131.59)

Meter Size (acc. to EEC/SANS 1529-1:2003)	Qn	1,5	2,5	
Maximum flow rate	Qmax	m ³ /h	3,0	5,0
Permissible continuous flow	Qn	m ³ /h	1.5	2.5
Transitional flow rate	Qt	l/h	120	200
Minimum flow rate	Qmin	l/h	30,0	50,0
Head loss @	Qmax	kPa	48	69
Metrological Class			B*	B*

* Although the meters have been approved and are tested to Class B specifications in South Africa, the actual performance characteristics of the meters comply with the ISO 4064 Class C performance.

XNP

