

strongcast

Metering Solutions

Product Code List 2023

strongcast.com.au



Australian
Owned



SC
strongcast

METERING CONSULTATION

We can help you customise the right metering products to suit your needs. Our innovative solutions can be implemented in multiple applications for a range of installation benefits delivering simple and cost effective means of reducing labour and non-revenue water losses.

The Strongcast team can liaise, develop and produce products to improve specific challenges utilities can face with ageing infrastructure surrounding water meters.

In 2017 Strongcast received an international accolade from the Good Design Awards for bringing innovation and new technologies to the building and hardware industry via our complete meter box assembly. The meter box assemblies have now grown to over 100 combinations to suit a broad range of utility requirements while reducing water losses. See our custom assemblies page for more information.

This patented Strongcast design has proven to significantly influence the industry and benefit utilities with non-revenue water targets as water is one of our most precious resources.



CONTENTS

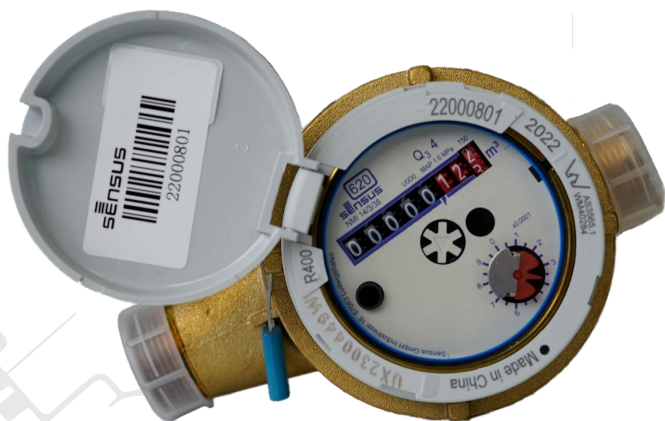
Water Meters DN20	01,02
Water Meters DN25	03
Water Meters DN32	04
Water Meters DN50 - DN150	05-09
ECHO Lob	10
INGROUND METER KITS	11-13
METER BOX	14
HIGH TRAFFIC LIDS AND COLLARS	15
POLYETHYLENE FITTINGS	16
METERING FITTINGS	17
METERING BALL VALVES AND KITS	18-20
TPFNR, FERRULE AND CONNECTION BENDS	21
WALL MOUNTED BRACKETS	21
CONTACT US	22

DN20 INLINE WATER METER (MTR)



CODE: 20MTR + (Utility Code)

DN20 Piston type meter with R400 ratio sealed copper can register for residential and commercial applications for drinking water



DETAILS

BRAND/MODEL:

SENSUS / 620

USE IN:

NATIONAL

DN:

20

STANDARDS:

AS3565

AVAILABLE EXTRAS:

Meter Box, Valves, Fittings, etc..

UTILITY /COUNCIL

NATIONAL

STRONGCAST CODE

20MTR

READ SWITCH

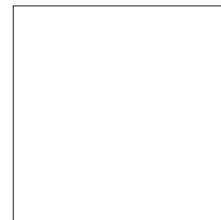
HRI-A

HRI-B (Mbus)

HYDRAPULSE (wireless)



DN20 INLINE WATER METER (MTR)



CODE: 20MTR + (Smart)

DN20 Piston type meter with R400 ratio sealed copper can register for residential and commercial applications for drinking water



DETAILS

BRAND/MODEL:

SENSUS / 640

USE IN:

NATIONAL

DN:

20

STANDARDS:

AS3565

AVAILABLE EXTRAS:

Meter Box, Valves, Fittings, etc..

UTILITY /COUNCIL

STRONGCAST CODE

NATIONAL

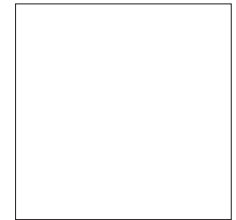
20MTR-SMART

DN25 INLINE METERS (SENSUS IPERL)

CODE: 25MTR + (Utility Code)

Static electromagnetic meter with remanent magnetic technology

Best in class R800 Q3/Q1 ratio



DETAILS

BRAND/MODEL:	SENSUS / IPERL
USE IN:	NATIONAL
DN:	25
MATERIAL:	DR Brass
AVAILABLE EXTRAS:	Meter Coupling Kit + Rubber Washers

UTILITY /COUNCIL

STRONGCAST CODE

NATIONAL	25MTR
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DN32 INLINE METERS (SENSUS IPERL)

CODE: 32MTR + (Utility Code)

Static electromagnetic meter with remanent magnetic technology

Best in class R800 Q3/Q1 ratio



DETAILS

BRAND/MODEL:	SENSUS / IPERL
USE IN:	NATIONAL
DN:	32
MATERIAL:	DR Brass
AVAILABLE EXTRAS:	Meter Coupling Kit + Rubber Washers

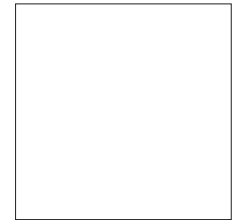
UTILITY /COUNCIL	STRONGCAST CODE
NATIONAL	32MTR
CONNECTION	32FF

DN40 Inline Meters (SENSUS IPERL)

CODE: 40MTR+ (Utility Code)

Static electromagnetic meter with remanent magnetic technology

Best in class R800 Q3/Q1 ratio



DETAILS

BRAND/MODEL:	SENSUS / IPERL
USE IN:	QLD, VIC
DN:	40
MATERIAL:	DR Brass
AVAILABLE EXTRAS:	Flange + Gaskets + Nut/Bolt kit

UTILITY /COUNCIL

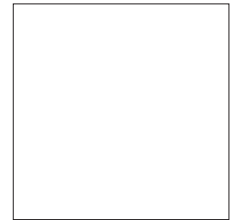
STRONGCAST CODE

NATIONAL	40MTR
CONNECTION	40FF

DN50 INLINE METERS (SENSUS MEISTREAM+)

CODE: 50MSP + (Utility Code)

DN50 water meter conceived for drinkable water measurement. It's the best choice for metering of water in residential, commercial and industrial applications.



DETAILS

BRAND/MODEL:	SENSUS / MEISTREAM+
USE IN:	NATIONAL
DN:	50
MATERIAL:	DR Brass
AVAILABLE EXTRAS:	Flange + Gaskets + Nut/Bolt Kit

UTILITY /COUNCIL

STRONGCAST CODE

DN50

NATIONAL	50MSP
NATIONAL	50MSP+FF
FLANGE KIT	50FF
REED SWITCH	HRI - MEI



DN80-150 INLINE METERS (SENSUS MEISTREAM+)

CODE: 80/100/150MSP + (Utility Code)

DN water meters conceived for drinkable water measurement. It's the best choice for metering of water in residential, commercial and industrial applications.



DETAILS

BRAND/MODEL:	SENSUS / MEISTREAM+
USE IN:	NATIONAL
DN:	80-150
MATERIAL:	DR Brass
AVAILABLE EXTRAS:	Flange + Gaskets + Nut/Bolt Kit

SC=Supplier Code

UTILITY /COUNCIL

STRONGCAST CODE

DN80

NATIONAL

80MSP

DN100

NATIONAL

100MSP

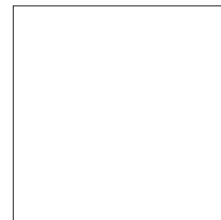
DN150

NATIONAL

150MSP

DN50 INLINE METERS (SENSUS CORDONEL)

CODE: 50COR + (Utility Code)



Ultrasonic C&I water meter no moving parts R1,000 ratio



DETAILS

BRAND/MODEL:

SENSUS / CORDONAL

USE IN:

NATIONAL

DN:

50

MATERIAL:

DR Brass

AVAILABLE EXTRAS:

Flange + Gaskets + Nut/Bolt Kit

UTILITY /COUNCIL

STRONGCAST CODE

DN50

NATIONAL

50COR

NATIONAL

50COR +FF

FLANGE KIT

50FF

DN80-150 INLINE METERS (SENSUS CORDONEL)

CODE: 80/100/150COR + (Utility Code)

Ultrasonic C&I water meter no moving parts R1,000 ratio



DETAILS	
BRAND/MODEL:	SENSUS / CORDONEL
USE IN:	NATIONAL
DN:	80-150
MATERIAL:	DR Brass
AVAILABLE EXTRAS:	Flange + Gaskets + Nut/Bolt Kit

SC=Supplier Code

UTILITY /COUNCIL	STRONGCAST CODE
DN80	
NATIONAL	80COR
DN100	
NATIONAL	100COR
DN150	
NATIONAL	150COR



ECHO Lob

ECHO Lob Gateway V2 is a simple to use, cost and energy efficient device that receives, caches and finally forwards metering consumption data for up to 500 Wireless M-Bus / Sensus RF enabled devices, like water meters, electricity meters, heat meters through the Internet onto AURA Cloud Platform.

FEATURES

- Collects data for up to 500** Sensus RF or wireless M-Bus OMS devices.
- 433MHz (Same as current iPerl & Pulse RF's)
- Battery, Mains power or Solar powered option
- Battery life heavily variable based on:
 - Network quality, No. of meters, Transmission interval
- Socket for SimCard
- Guaranteed measurements delivery in event of network failure (stores measurements internally)
- Possibility of remotely updating firmware and configuration of the device
- Data delivered and monitored through the AURA cloud platform with readings forwarded to user's 3rd party systems
- Target Price \$1200
- Development Timeline - Currently in use in Europe with 2 trials soon to begin with Australian Utilities



xylem
Let's Solve Water



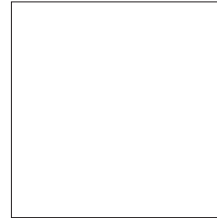
INGROUND METER KITS

BSP Complete assemblies

Strongcast's award winning and patented complete meter

kit for in-ground use allows for a seamless and consistent end to end solution for BSP connections.

Example 1



Example 2



Example 1: SCMB-1BSP/MTR Strongcast Complete Meter Box Assembly



Example 2: SCMB-2BSP/MTR Strongcast Complete Meter Box Assembly



Example 3: SCMB-1BSP Meter Box Assembly (No Meter)



Example 4: SCMB-2BSP Meter Box Assembly (No Meter)

SC= Supplier Code

UTILITY /COUNCIL	STRONGCAST CODE
QUU	QUUSCMB-2BSP/MTR
UNITY WATER	UWSCMB-2BSP/MTR
GOLD COAST	GCSCMB-2BSP/MTR
LOGAN CITY COUNCIL	LCSCMB-2BSP/MTR
NATIONAL	SCMB-1BSP/MTR
METER LESS KITS	SCMB-2BSP
METER LESS KITS	SCMB-1BSP

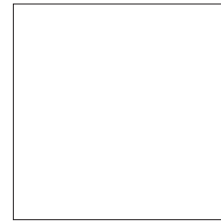
INGROUND METER KITS

PE Complete assemblies

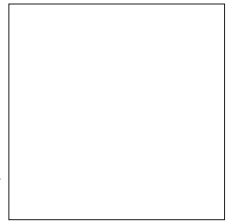
Strongcast's award winning and patented complete meter

kit for in-ground use allows for a seamless and consistent end to end solution for PE connections.

Example 1



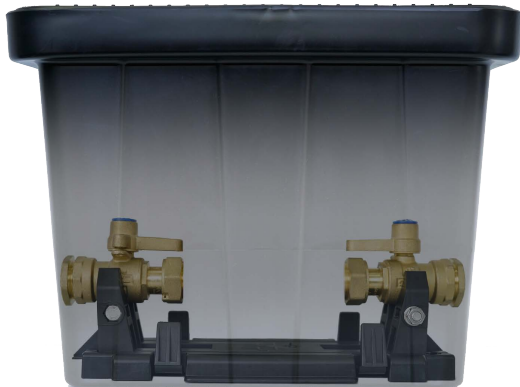
Example 2



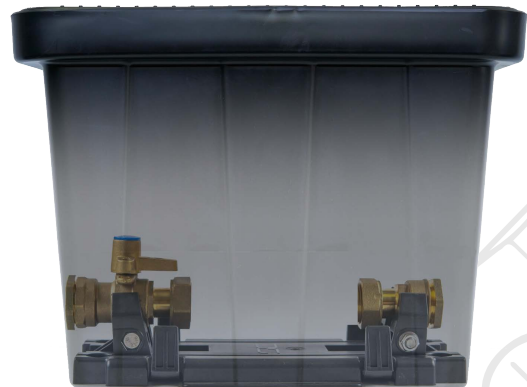
Example 1: SCMB-2PE/TD8 Strongcast Complete Meter Assembly



Example 2: SCMB-1PE/TD8 Strongcast Complete Meter Assembly



Example 3: SCMB-2PE Meter Box Assembly (No Meter)



Example 4: SCMB-1PE Meter Box Assembly (No Meter)

UTILITY /COUNCIL	STRONGCAST CODE
QUU	QUUSCMB-2PE/MTR
UNITY WATER	UWSCMB-2PE/MTR
GOLD COAST	GCSCMB-2PE/MTR
LOGAN CITY COUNCIL	LCSCMB-2PE/MTR
NATIONAL	SCMB-1PE/MTR
METER LESS KITS	SCMB-2PE
METER LESS KITS	SCMB-1PE

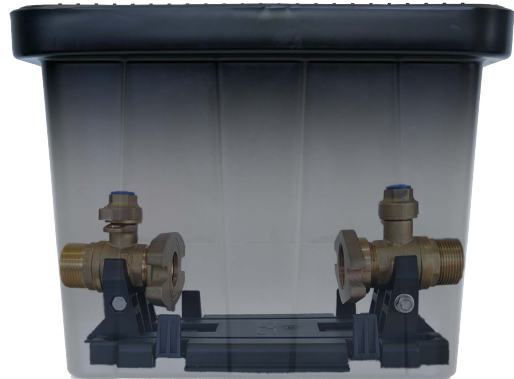
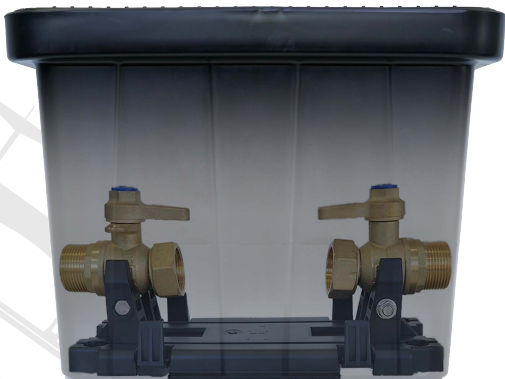
INGROUND METER KITS

CODE: DN25 and DN32 Complete assemblies

Strongcast's award winning and patented complete in-ground meter kits are also available in DN25 and DN32 for a compact and robust solution for small commercial meters.



Example 1: SCMB-2BSP/25MTR Strongcast Complete Meter Box Assembly Example 2: SCMB-2BSP/32MTR Strongcast Complete Meter Box Assembly



Example 3: SCMB-2BSP/25 Strongcast Meter Box Assembly (No Meter) Example 4: SCMB-2BSP/32 Strongcast Meter Box Assembly (No Meter)

DESCRIPTION	STRONGCAST CODE
DN25 ASSEMBLY (incl meter)	SCMB-2BSP/25MTR
DN32 ASSEMBLY (incl meter)	SCMB-2BSP/32MTR
DN25 ASSEMBLY (no meter)	SCMB-2BSP/25
DN32 ASSEMBLY (no meter)	SCMB-2BSP/32

METER BOX – MEDIUM CONVENTIONAL TAPER



CODE: SCMBL

Strongcast Conventionally tapered meter box suitable for use with domestic and small commercial water meters, valves and assemblies. Robust and compatible with smart devices.



SC=Supplier Code

DETAILS

DIMENSIONS:	427mm L x 271mm W x 318 H
MADE:	Recyclable HDPP material
OPTIONS:	Colour options available
STANDARDS:	AS3996, Class A (plastic lid), AS4586 – P5

DESCRIPTION	STRONGCAST CODE
STRONGCAST METER BOX WITH PLASTIC LID	SCMBL
STRONGCAST METER BOX WITH STEEL GAL LID	SCMB/SCLIDMED
STRONGCAST STEEL LID - SMALL	SCLIDSMML
STRONGCAST STEEL LID - MEDIUM	SCLIDMED
STRONGCAST STEEL LID - LARGE	SCLIDLGE
STRONGCAST STEEL LID / COLLAR	SCOLMED/SCLIDMED

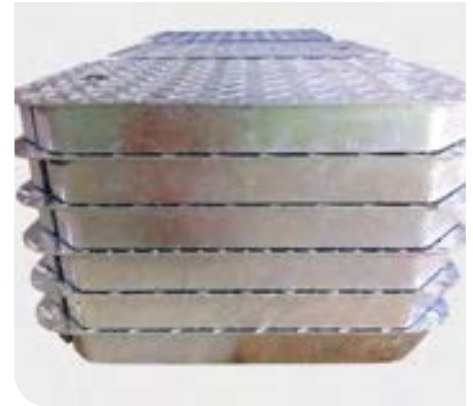
HIGH TRAFFIC LIDS AND COLLARS



CODE: SCLIDMED (single Lid) SCLIMED/SCOLMED (Lid & Collar Kit)

Galvanised Steel lids, collars and kits for high impact and trafficable installations.

Strongcast manufacture a range of solutions for in-ground meter boxes installed in areas prone to frequent traffic from light vehicles.



DETAILS

AVAILABLE DIMENSIONS

Small: 368mm x 271mm ; Medium: 426mm x 271mm ;
Large: 492mm x 271mm

LOAD RATING:

Class C

AS4586 RATING:

P3

STANDARDS:

AS3996

DESCRIPTION

STRONGCAST CODE

STRONGCAST PLASTIC LID

SCPL

STRONGCAST GALVANISED LID - HIGH TRAFFIC SMALL

SCLIDSML

STRONGCAST GALVANISED LID - HIGH TRAFFIC MEDIUM

SCLIDMED

STRONGCAST GALVANISED LID - HIGH TRAFFIC

SCLIDLGE

STRONGCAST GALVANISED LID / COLLAR - HIGH TRAFFIC

SCOLMED/SCLIMED

POLYETHYLENE FITTINGS



Strongcast manufactures a range of WSAA approved DZR brass mechanical compression fittings for polyethylene pipe with brass grip rings or thimbles to ensure a long lasting connection.

SC= Supplier Code



DESCRIPTION	SC CODE
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PE25 X PE25 FITTING	PE2525J
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DESCRIPTION	SC CODE
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PE25 X PE25 ELBOW	PE2525E
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DESCRIPTION	SC CODE
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PE25 / 20 M JOINER	PE2520M
PE25 / 25 F FITTING	PE2525M
PE32 3/4" FI FITTING	PE3225M



DESCRIPTION	SC CODE
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PE25 X 20 ME FITTING	PE2520ME
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DESCRIPTION	SC CODE
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PE16 / 20 F FITTING	PE1620F
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DESCRIPTION	SC CODE
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PE25 X 20 FE FITTING	PE2520FE
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METERING FITTINGS

Strongcast manufactures a range of innovative meter fittings for a multitude of connection requirements



Valves



Fittings



DESCRIPTION	SC CODE
BSP DN20 METER TAIL	QC6850



DESCRIPTION	SC CODE
DN20 PE25 METER TAIL	QC7079



DESCRIPTION	SC CODE
BSP DN20 ELBOW	QE6850



DESCRIPTION	SC CODE
PE25 DN20 ELBOW	QE7079



DESCRIPTION	SC CODE
DUAL CHECK VALVE DN20 (BSP CONNECTION)	QC707920



DESCRIPTION	SC CODE
FITTING - NSW FLAT METER COUPLING (STANDARD LENGTH)	NC5851

NSW Nut available for each Product

METERING BALL VALVES AND KITS

Strongcast manufactures innovative WSAA approved ball valves for a range of applications focussed on reducing installation time and leaks.



Valves



Fittings



DESCRIPTION	SC CODE
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DN20 BALL VALVE PE25 QC7094



DESCRIPTION	SC CODE
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DN20 BALL VALVE BSP QC9746



DESCRIPTION	SC CODE
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DN20 R/ANGLE B/VALVE PE25 QR7094



DESCRIPTION	SC CODE
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DN20 R/ANGLE B/VALVE BSP QR9746



DESCRIPTION	SC CODE
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DN20 BALL VALVE BSP
(RECYCLED) ZR9746



DESCRIPTION	SC CODE
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DN20 ANGLE VALVE BSP QR9746
QE6850

NSW Nut available for each Product

METERING BALL VALVES AND KITS

Strongcast manufactures innovative WSAA approved ball valves for a range of applications focused on reducing installation time and leaks.



Valves



DESCRIPTION	SC CODE
PE25 MAINS VALVE 20MI	C8423



DESCRIPTION	SC CODE
PE25 / 20MI VALVE (RECYCLED)	ZC8423



DESCRIPTION	SC CODE
PE25 VALVE 20FI	C8422



DESCRIPTION	SC CODE
PE25 / 20FI VALVE (RECYCLED)	ZC8422



DESCRIPTION	SC CODE
PE25 MAINS KIT	C8423-C8422



DESCRIPTION	SC CODE
PE25 MAINS KIT (RECYCLED)	ZC8423-ZC8422

SC= Supplier Code

NSW Nut available for each Product

METERING BALL VALVES DN25 & DN32



Strongcast manufactures innovative WSAA approved ball valves for a range of applications focussed on reducing installation time and leaks.



DESCRIPTION	SC CODE
DN25 METER CONNECTION BALL VALVE BSP	QC9747



DESCRIPTION	SC CODE
DN25 BALL VALVE BSP 1 1/4"Mi / 1"Fi	C8424



TPFNR, FERRULE AND CONNECTION BENDS



Valves



Fittings



DESCRIPTION	SC CODE
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DN20 TPFNR BSP	TCB20
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DESCRIPTION	SC CODE
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DN20 TPFNR PE25	TCB25PE
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DESCRIPTION	SC CODE
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DN20 PE25 METER TAIL	ZB6850
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DESCRIPTION	SC CODE
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PE25 DN20 ELBOW	ZB7079
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DESCRIPTION	SC CODE
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DN20 BSP FERRULE	CB20
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DESCRIPTION	SC CODE
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DN20 PE25 FERRULE	CB25PE
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WALL MOUNTED BRACKETS

Strongcast's wall mounted meter assemblies are as simple and robust as possible for a compact and reliable above ground installation.



DETAILS

STANDARDS

AS4796, AS5830, AS4020

Wall mounted assemblies for use in high rise installations. Upstream and downstream ball valves for complete isolation during meter maintenance as well as integrated meter couplings for minimal connection points and installation time.

A range of utility threads available

REGION

STRONGCAST CODE

NATIONAL DN20

SCMLIM20Q

NSW/ACT DN20

SCMLIM20N

NATIONAL DN25

SCMLIM25Q

NATIONAL DN32

SCMLIM32



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