



SmartLink
— METERING SYSTEMS —

SUB-METERING FRAME – SETUP REQUIREMENTS

Smarter sub-metering and faster install begin here.

Improve efficiency, compliance, and installation speed in multi-level residential developments with the **SmartLink™ Metering Manifold System**. Engineered as a fully prefabricated and pressure-tested solution, SmartLink is designed for the streamlined installation of **Cold Water, Hot Water, and Embedded Gas services**. Designed to meet applicable authority, dimensional and installation requirements, SmartLink reduces onsite labour, minimises installation time, and delivers a cleaner, more consistent outcome for modern hydraulic and plumbing projects.

Authorising Body	SmartLink™ Deliverable
Sydney Water MLIM Policy SW11 08/2025	SmartLink meets dimensional and spatial requirements in accordance with Sydney Water's MLIM policy
Jemena Medium Density & High-Rise Residential Metering Guide ADG-002	SmartLink meets dimensional and spatial requirements of Jemena medium density & high-rise residential metering guide ADG-002

Please use the below template to build your project's sub-metering requirements. SmartLink™ can then provide full spatial drawings and DWG files developed in accordance with the applicable Sydney Water and Jemena dimensional and spatial requirements.

HYDRAULIC CONSULTANT	
CONTACT	
PROJECT NAME	
PROJECT ADDRESS	

No. of Meters	QTY	COLD WATER	HOT WATER	GAS EMBEDDED	PRV	TEMP VALVE	MANIFOLD CU or SS	COLD MANIFOLD NB Ø	HOT MANIFOLD NB Ø	GAS MANIFOLD NB Ø
1 METER							CU	20mm	20mm	20mm
2 METERS							CU	20mm	20mm	20mm
3 METERS							CU	20mm	20mm	20mm
4 METERS							CU	20mm	20mm	20mm
5 METERS							CU	20mm	20mm	20mm
6 METERS							CU	20mm	20mm	20mm
7 METERS							CU	20mm	20mm	20mm
8 METERS							CU	20mm	20mm	20mm
9 METERS							CU	20mm	20mm	20mm
10 METERS							CU	20mm	20mm	20mm
11 METERS							CU	20mm	20mm	20mm
12 METERS							CU	20mm	20mm	20mm



SPECIFICATION

Sub-Metering Assembly

Provide a prefabricated SmartLink™ Metering System to accommodate the installation of cold water, hot water and/or gas submeters in accordance with the relevant authority requirements, including Sydney Water MLIM Policy where applicable.

The SmartLink™ Metering System shall consist of a factory-assembled and pressure-tested manifold assembly (Copper or Stainless Steel) complete with isolation valves, pressure reducing valves (PRVs), tempering valves (where required), and associated SmartLink™ assembly pipework necessary to facilitate future meter installation and maintenance.

The assembly shall be supplied pre-labelled in accordance with the approved hydraulic design and installed in a vertical orientation within the designated meter cupboard. The system shall provide suitable clearances and isolation arrangements to allow for the installation, commissioning, maintenance, replacement and servicing of utility-supplied water meters.

All standard SmartLink frames are supplied with:

- Factory assembled and pressure tested manifold assembly
- Copper pipework and manifold assembly fabricated in accordance with applicable AS/NZS 3500 requirements
- Isolation ball valves either side of water meters as per Sydney Water MLIM policy SW11 08/2025
- Pressure Reducing Valves (PRVs) where specified, factory pre-set where applicable. Final adjustment and commissioning by the installing contractor
- Tempering Valves where specified, factory pre-set where applicable. Final temperature adjustment, testing and commissioning by the installing contractor
- Meter couplings and spacer assemblies to suit the nominated meter size where meters are not provided to deFOX Industries during assembly
- Pre-labelled outlets and meter positions in accordance with approved hydraulic drawings
- Galvanised mounting frame suitable for vertical installation within meter cupboards
- Quality assurance inspection prior to dispatch
- Pressure test certification

Exclusions:

- Water meters
- AMR/AMI communication devices and transmitters
- Meter commissioning and registration
- Utility authority approvals and inspections
- Building risers, site installation and final connections remain within the installing plumbing contractor's scope

SMARTLINK SCOPE BOUNDARY

SmartLink™ is supplied as a prefabricated sub-metering assembly. Building risers, meter supply, authority commissioning, site installation and final hydraulic connections remain outside the SmartLink™ supply scope unless specifically stated otherwise.

