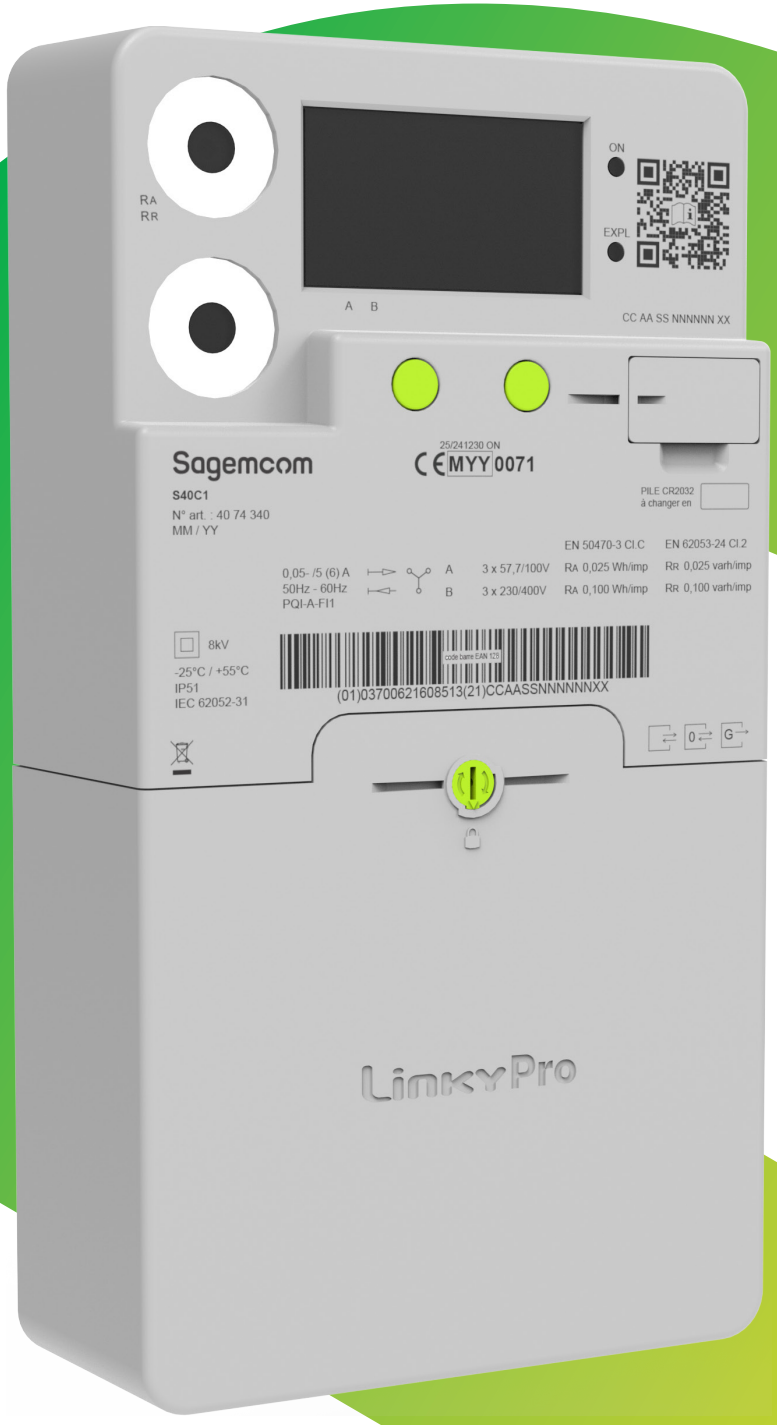
Sagemcom

# LINKY PRO

## Commercial and Industrial Smart Meter

## Semi-Direct & Indirect



# LINKY PRO

- Transformer connection (CT, CT-VT)
- Optical port, RS-232 and customer TIC output
- Active energy class 0.5S / C, reactive class 2
- Three independent tariff grids
- Load and voltage profiles, power quality monitoring
- Event logs and tamper monitoring

| MECHANICAL CHARACTERISTICS | |
|---|---|
| **Sealing method:**<br>Top cover and bottom cover are sealed together by ultrasonic welding.<br>The terminal block cover is sealed by one dedicated screw. | |
| **Connection diagram** | 3P4W: CT or CT-VT |
| **Cable size** | Up to 6mm² |

| INTERFACES AND OUTPUTS | | |
|---|---|---|
| Interfaces | **Communication modem** | · External BWan connection (through RS232) |
| | **Communication Interfaces** | · Optical Port (IEC 61107)<br>· RS232 (RJ45)<br>· Customer Information Output (TIC) |
| | **Control & Pulse Interfaces** | · Customer Load-control outputs (C1-C2)<br>· Time pulse outputs (TP1-TP2)<br>· 4 Metrological Pulse Outputs<br>· Metrological LED |

| SPECIFICATIONS | | |
|---|---|---|
| Basic Features | **Voltage** | 3 × 230/400 V (CT)<br>3 × 57.7/100 V (CT-VT) |
| | **Current** | 5(6)A |
| | **Frequency** | 50 Hz or 60 Hz (±10%) |
| | **Accuracy** | Active: IEC 62053-22 class 0.5S<br>Active: EN 50470-3 class C<br>Reactive: IEC 62053-24 class 2 |
| | **Lifetime** | 15 years |
| Environment | **Operating temperature** | -25°C / + 55°C |
| | **Humidity** | ≤ 95% at +40°C, non-condensing |
| | **Protection Index** | IP 54 |
| | **Protection Class** | Class II |
| Customer Interaction | **Display** | · Backlit graphic LCD: 64 × 128<br>· Visible area: 36 × 71 mm<br>· LCD operation: −20°C to +70°C |
| | **LEDs** | · 1 configurable metrological LED<br>· Active / reactive / apparent energy |
| | **Push Buttons** | · 2 navigation push buttons<br>· Automatic standby after 20 minutes |
| | **Clock backup** | · Removable CR2032 (3 V / 225 mAh)<br>· Date/time backup: 2 years without power |

| MAIN FUNCTIONALITIES (examples) | |
|---|---|
| **Time of Use** | Three independent tariff grids:<br>Distributor-consumption / Supplier / Production |
| | Daily and tariff billing snapshots<br>Up to 8 tariffs per grid |
| | Mobile peak tariffs and demand monitoring |
| | Active / passive calendars and special days |
| **Measurement** | 7 load profiles |
| | Active / reactive / apparent power and energy |
| | Import / export and loss correction |
| | Frequency and flicker |
| | Voltage cuts |
| | Voltage sags and swells |
| | Voltage unbalance |
| | Voltage and current harmonics |

| MONITORING AND EVENT LOGS |
|---|
| Strong magnetic field detection |
| Terminal cover opening, including without power |
| Local / remote parameter changes |
| Persistent data and communication integrity |
| Voltage loss and interruption log |
| Clock, memory and interface fault monitoring |

| CERTIFICATION |
|---|
| CE marking |
| MID 2014/32/EU, ITE certificate 25/241230 ON |
| EMC Directive 2014/30/EU |
| RoHS Directive 2011/65/EU |

*Note: this list of functionalities is not exhaustive. Deeper features list and Security detail can be delivered on special demand under Non-Disclosure Agreement (NDA).*

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Sagemcom Energy & Telecom SAS
Headquarters: 4 Allée des Messageries
92270 Bois-Colombes - FRANCE
Tel : +33 (0)1 57 61 10 00 - Fax : +33 (0)1 57 61 10 01
www.sagemcom.com

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