| **Variable** | **Type** | **Metric name** | **Description** |
| --- | --- | --- | --- |
| *blr\_mod\_lvl* | Float | Boiler modulation level | The percentage of maximum boiler modulation capacity |
| *blr\_t* | Float | Boiler temperature | The current temperature of the water inside the boiler |
| *heat* | Boolean (0 or 1) | Heat indicator | Shows whether the boiler circulator is active |
| *flame* | Boolean (0 or 1) | Flame indicator | Shows whether the boiler is ignited |
| *water* | Boolean (0 or 1) | Domestic hot water indicator | Shows whether domestic hot water has been requested |
| *t\_out* | Float | Outdoor temperature | The current outdoor temperature |
| *t\_ret* | Float | Inlet temperature | The current temperature of the water entering the boiler from the radiators |
| *t\_r* | Float | Indoor temperature | The current room temperature inside the house |
| *t\_r\_set* | Float | Indoor setpoint | The target room temperature the heating system must reach |
| *otc\_cur* | Float (0 - 10) | Heating balance | User setting which controls the economy-comfort trade-off. Defines how aggressively the adaptive algorithm will prioritise faster water heating to reach boiler setpoint temperature over the reduced consumption mode. Range from 0 (most efficient) to 10 (most aggressive). |
| *t\_set* | Float | Boiler setpoint | The target temperature the boiler is instructed to reach |
| *otc\_maxt* | Float | Max adaptive setpoint | Indicates the MAX boiler setpoint that will be instructed in adaptive mode based on the control loop algorithm |
| *bypass* | Enum (0, 1, 2, 4) | Bypass indicator | Controls the boiler temperature controller source (0: default (65C) [legacy],  1: weather compensation with user assigned otc\_cur [adaptive],  2: fixed boiler temperature from cloud [legacy],  4: weather compensation with cloud controlled otc\_cur) [adaptive] |
| *nodata* | Boolean (0 or 1) | Nodata indicator | If 1, indicates invalid or missing data, values will be nan |