

# Counting Out-of-Range Values in the Meter Dashboard – Help Center

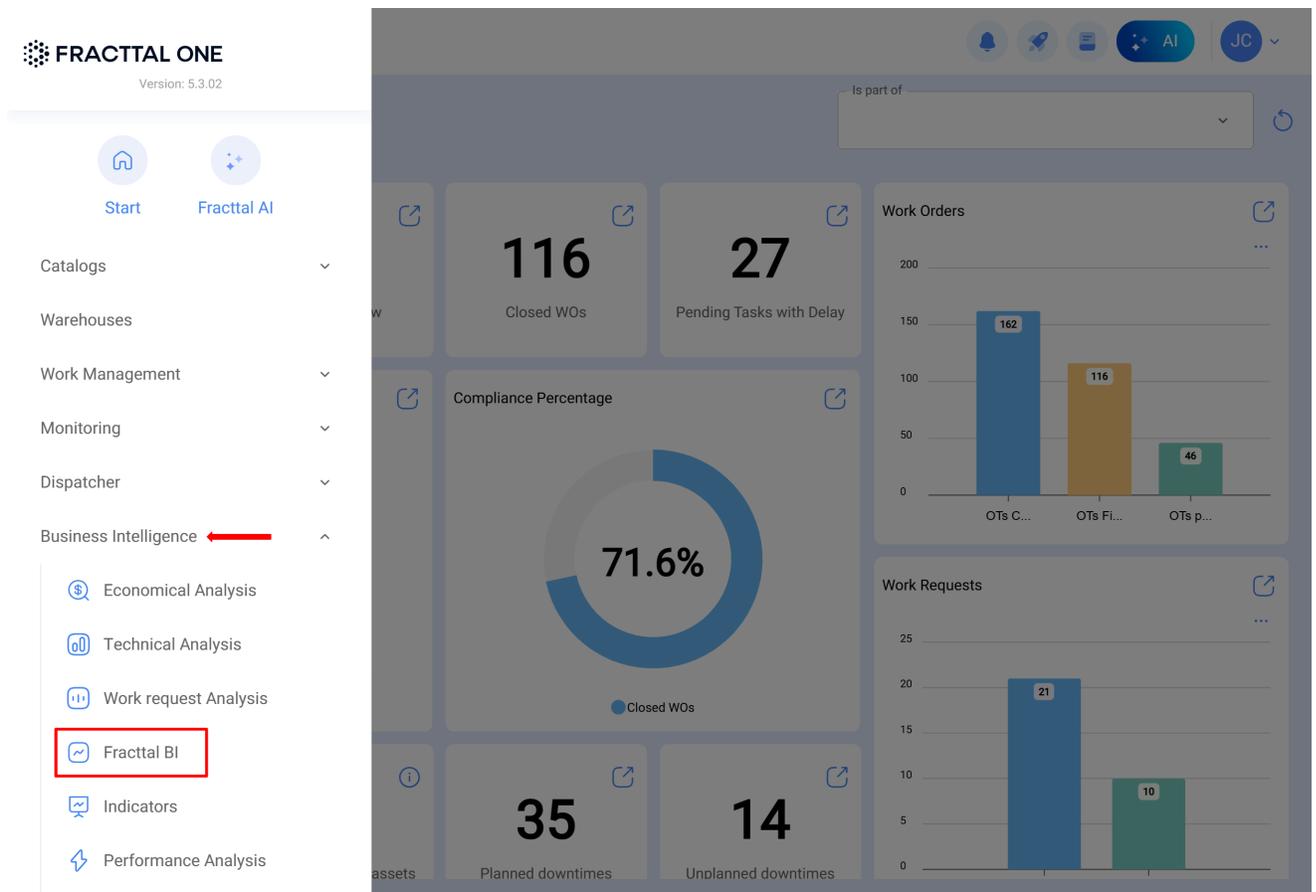
[help.fracttal.com/hc/en-us/articles/43208229789837-Counting-Out-of-Range-Values-in-the-Meter-Dashboard](https://help.fracttal.com/hc/en-us/articles/43208229789837-Counting-Out-of-Range-Values-in-the-Meter-Dashboard)

The *count of out-of-range values* feature allows users to visualize and quantify how many times a measured variable has exceeded the defined limits directly within the **Fracttal BI Meter Dashboard**.

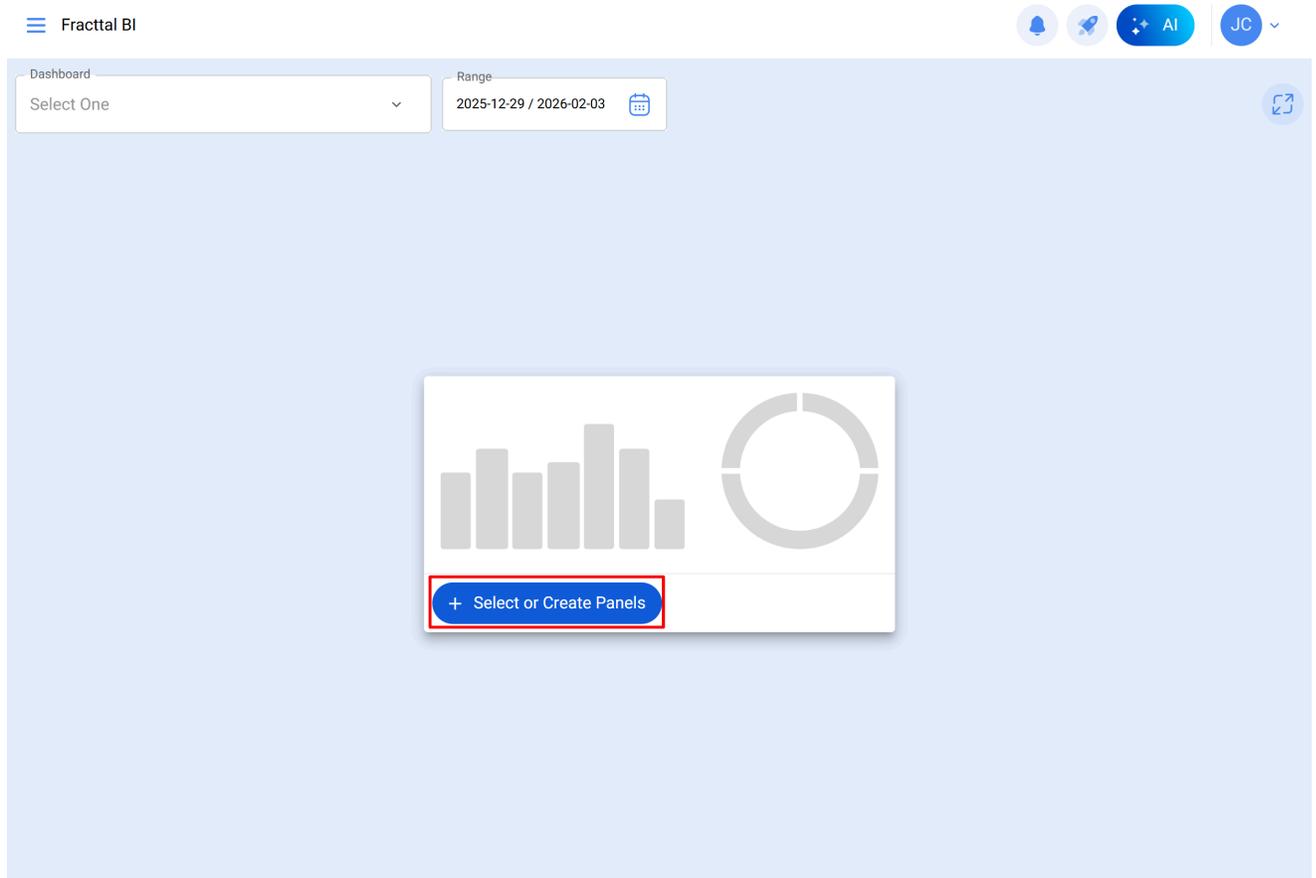
This function offers a summarized and configurable presentation of each meter's behavior, allowing differentiation between events where values are below the minimum or above the established maximum.

## Access and Configuration of the Metric in the Meter Dashboard

1. In the main menu of **Fracttal One**, go to **Business Intelligence > Fracttal BI**.



2. Within **Fractal BI**, select the option to create a new chart.



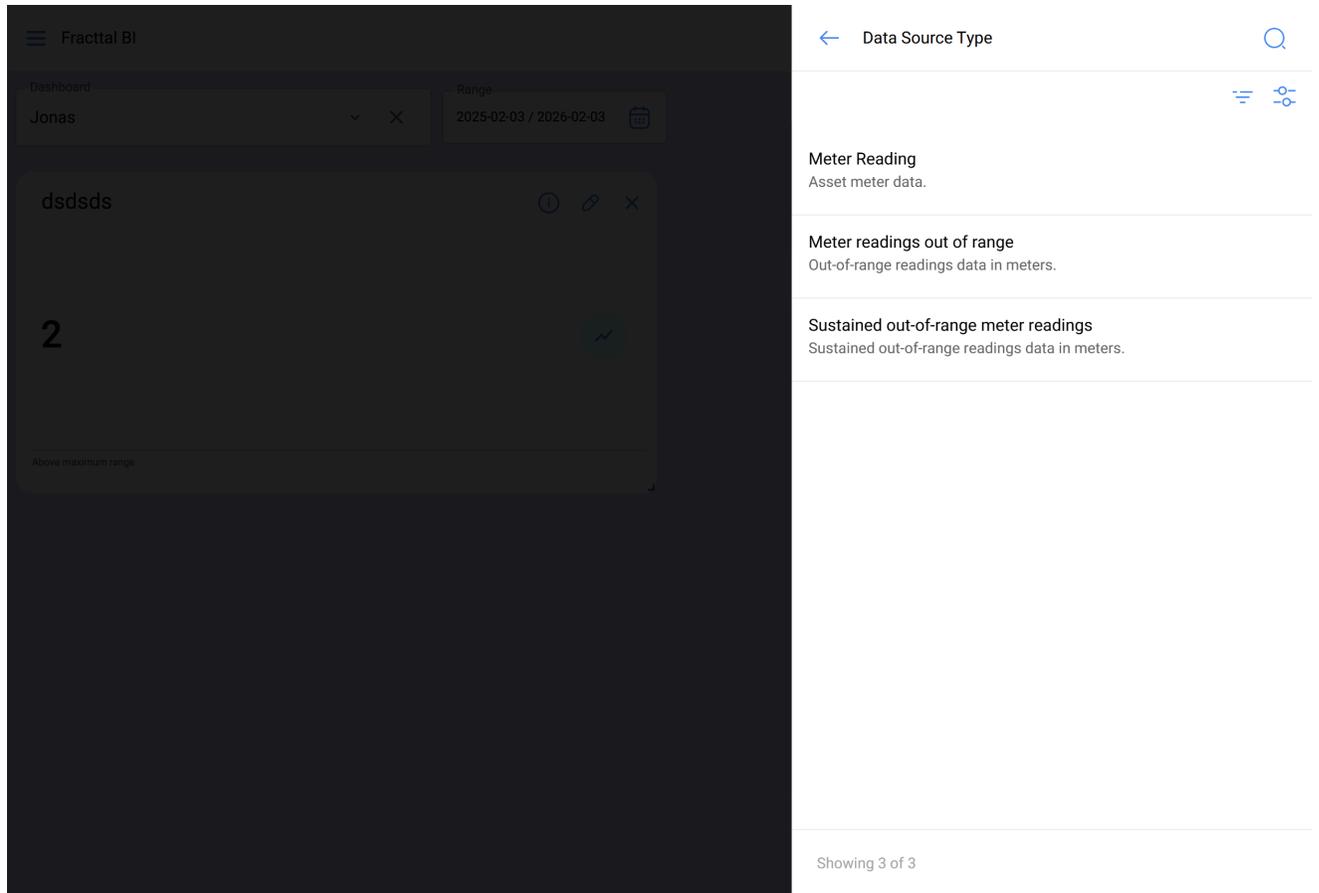
3. Enter a name that describes this chart.

The image shows a split-screen view of a dashboard and a chart configuration interface. On the left, the dashboard is titled 'Fractal BI' and shows a 'Dashboard' named 'Jonas' with a date range of '2025-02-03 / 2026-02-03'. A 'New Widget' button is visible. On the right, the 'Chart' configuration screen is shown. It has a progress indicator with three steps: 1 (Name), 2 (Chart), and 3 (Data Source). The 'Name' step is active, and the 'Graphic Name\*' field contains 'NEW CHART'. Below this are two chart type options: 'New chart' (area chart) and 'Default charts' (line chart). At the bottom, there are 'Back' and 'Next' buttons, with 'Next' highlighted in blue.

4. Next, choose the **Metrics** chart type.

The image shows a screenshot of the Fractal BI dashboard and a chart selection modal. The dashboard on the left is titled "Fractal BI" and "Dashboard Jonas" with a date range of "2025-02-03 / 2026-02-03". A "New Widget" button is visible. The chart selection modal on the right is titled "Chart" and contains a warning: "Not all chart types apply with all data sources." It features a progress indicator with three steps: 1 (checked), 2 (active), and 3. The modal displays a grid of chart types: Column, Bar, Pie, Table, Metrics, and Color card. The "Metrics" chart type is highlighted with a red border. At the bottom of the modal, there are "Back" and "Next" buttons, with the "Next" button also highlighted with a red border.

5. **Add data source:** Among the available **series** options for the metric are:



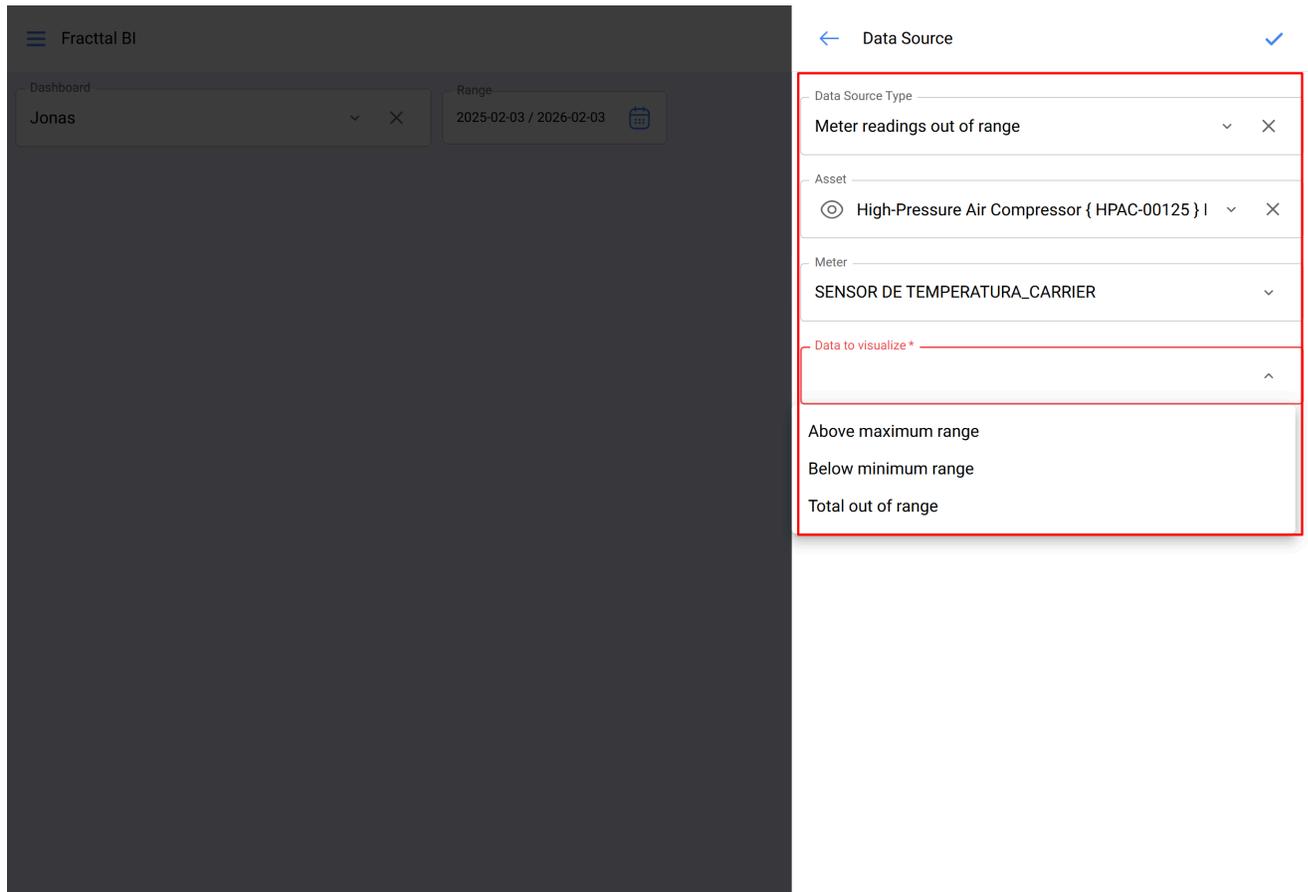
- **Meter reading:** general data from the asset meter.
- **Out-of-range meter readings:** data of readings that are outside the established limits.
- **Sustained out-of-range meter readings (Biconditional):** data of readings that remain outside the limits for a continuous period.

*For the use of the biconditional, a **non-accumulative** meter must be combined with an **On/Off** meter, allowing simultaneous comparison of two different behaviors within the same metric.*

5. Continuing with the configuration of the **Data Source**, first select the asset and the related meter to be analyzed. Then, define which information you want to query according to the following options:

- **Above the maximum limit**
- **Below the minimum limit**
- **Total out of range**

6. Finally, specify the values set for the **minimum**, **maximum**, or both limits, depending on the previous selection. These values determine the current ranges used to classify the meter readings.



Upon completing the configuration of this metric in the Meter Dashboard, users have a resource that allows them to observe and analyze precisely how the measurements behave relative to the established limits.

Dashboard  
Jonas

Range  
2025-02-03 / 2026-02-03

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