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```

In [14]: #showing chart of predictions

```

X_raw, _, _, __,\n
y_raw, _, __, ___,\n
feature_subsets, scaler =\n
_Data_Processing.preprocess_data(\n
    file_name      =           'spx_large.csv'\n
    ,indp_size     =           0.01\n
    ,test_size     =           0.01\n
    ,shfl_splt    =           False\n
    ,t_start       =           645\n
    ,t_end         =           800\n
    ,mod_type      =           'Area_Classification'\n
    ,target_t      =           60\n
    ,num_class     =           2\n
    ,split_val     =           5\n
    ,verbose       =           0\n
    ,scaler        =           'None'\n
    ,cstm_scale   =           joblib.load('scaler/tmp.joblib')\n
    ,frmt_lstm    =           lstm_format\n
    ,keep_price   =           True\n
    ,keep_time    =           True\n
    ,indices      =           0\n
)\n\n
reload(_Utility)\n
_Utility.show_predictions_chart(X_raw=X_raw,predictions=t_pred, t_start=645, t_end=
                                , add_chart=[515,517]

```

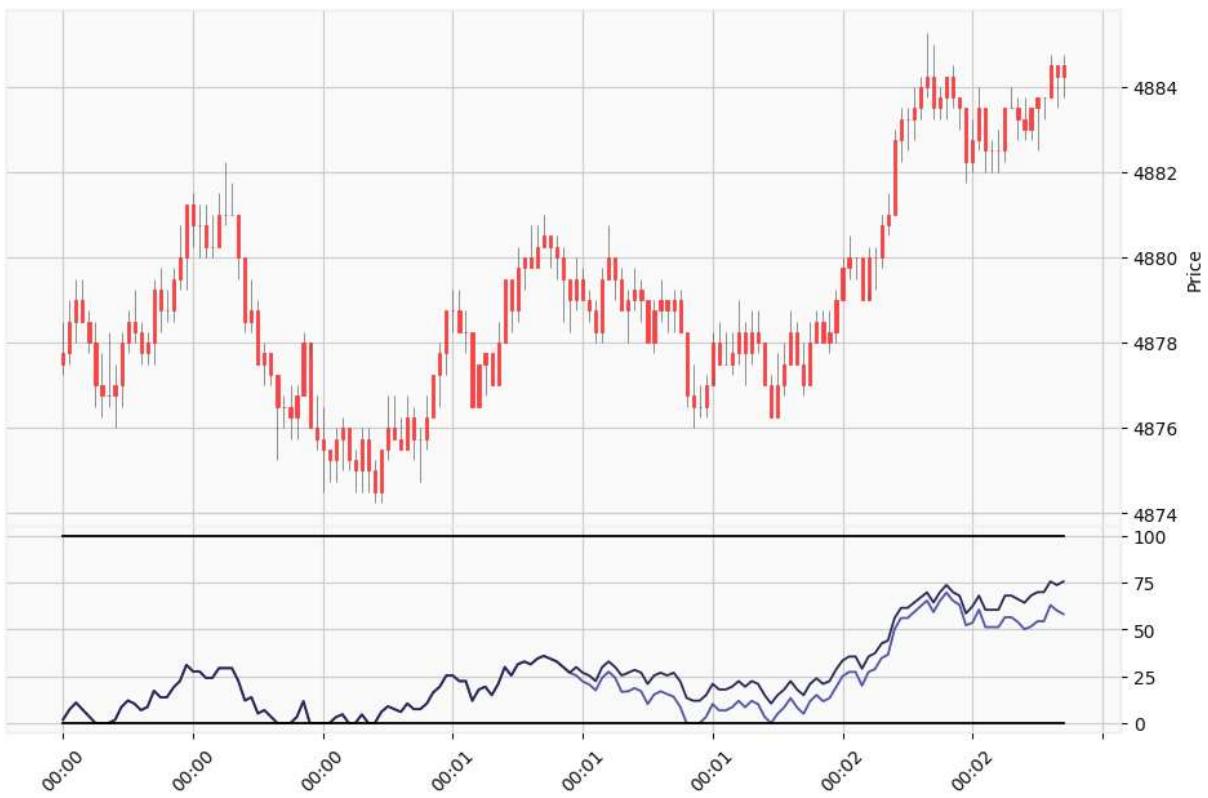
```
, fss=feature_subsets  
, naked_features=False)
```

```
loaded chunk 1 of size: 125400164 -> 64675164  
loaded chunk 2 of size: 125400164 -> 64675164  
loaded chunk 3 of size: 125400164 -> 64675164  
loaded chunk 4 of size: 125400164 -> 64675164  
loaded chunk 5 of size: 125400164 -> 64675164  
loaded chunk 6 of size: 125400164 -> 64675164  
loaded chunk 7 of size: 125400164 -> 64675164  
loaded chunk 8 of size: 125400164 -> 64675164  
loaded chunk 9 of size: 125400164 -> 64675164  
loaded chunk 10 of size: 125400164 -> 64675164  
loaded chunk 11 of size: 125400164 -> 64575164  
loaded chunk 12 of size: 125400164 -> 64675164  
loaded chunk 13 of size: 125400164 -> 64675164  
loaded chunk 14 of size: 111646292 -> 57581610  
concat chunks  
concatted chunks  
Success.  
Size of dataset: 898356610  
308234 Samples Dropped.
```

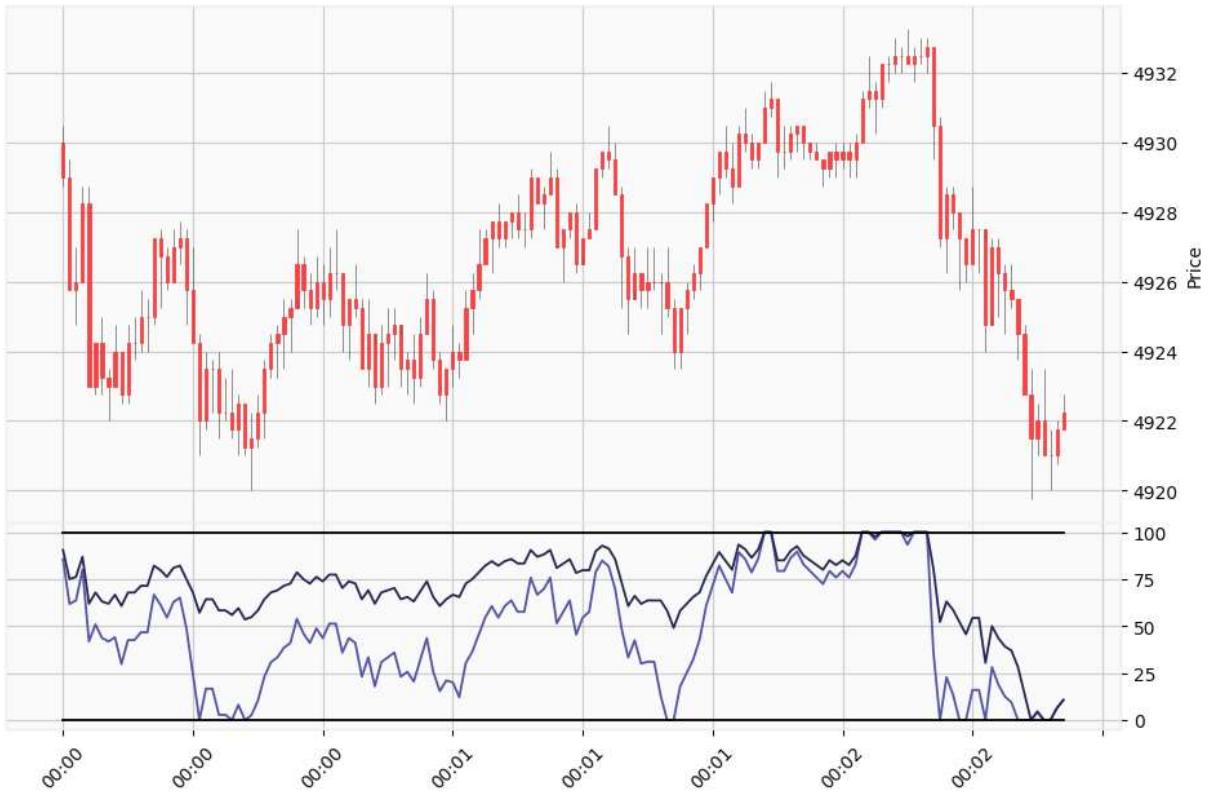
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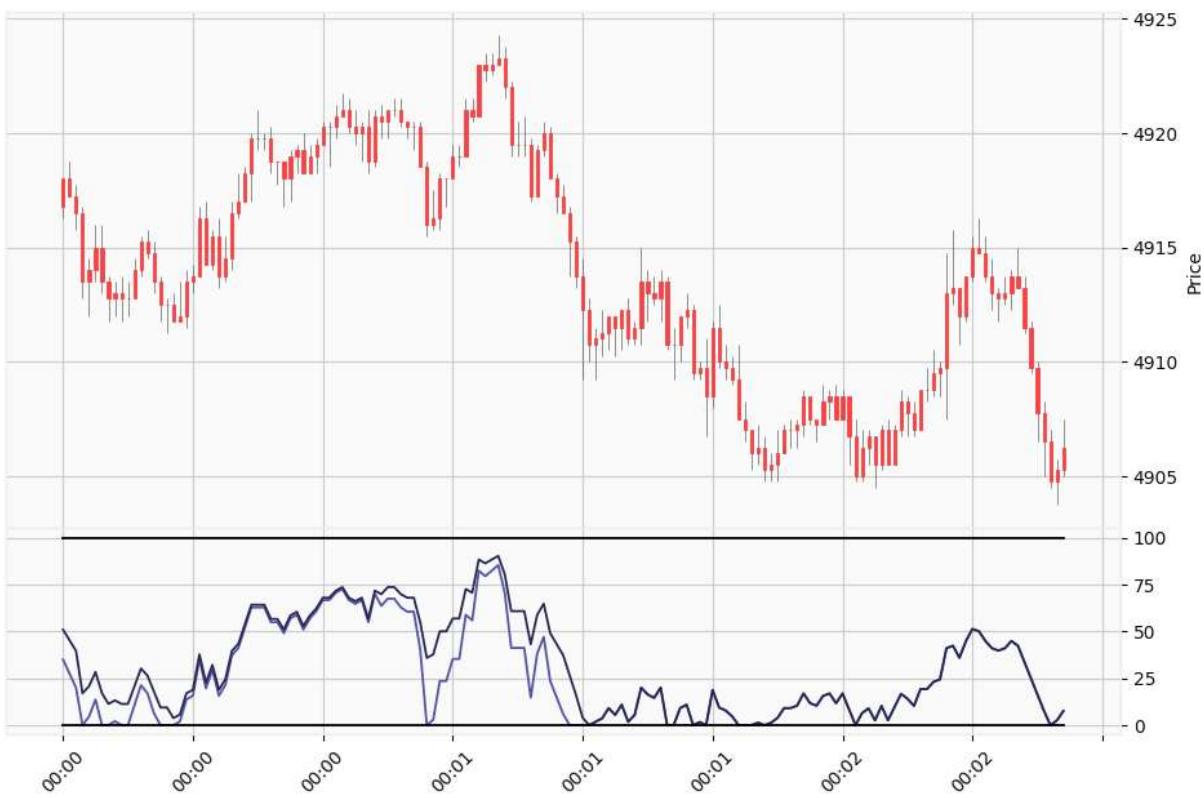
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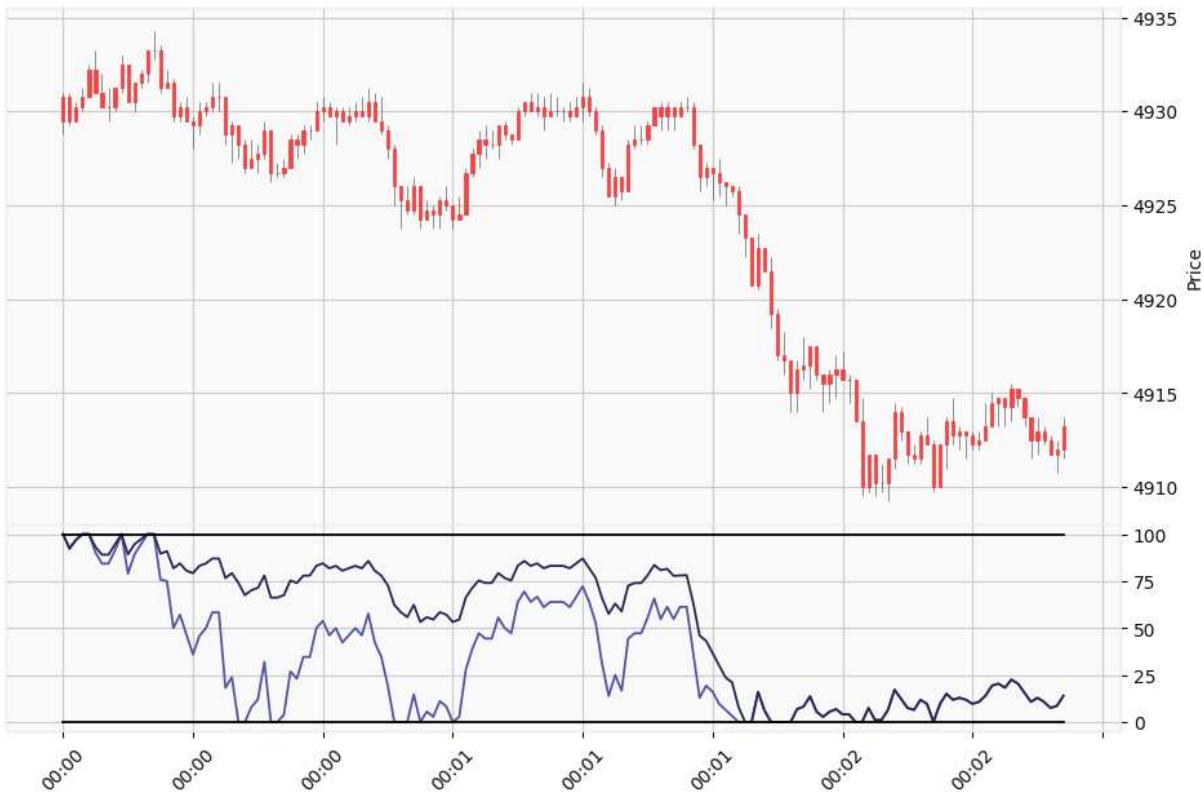
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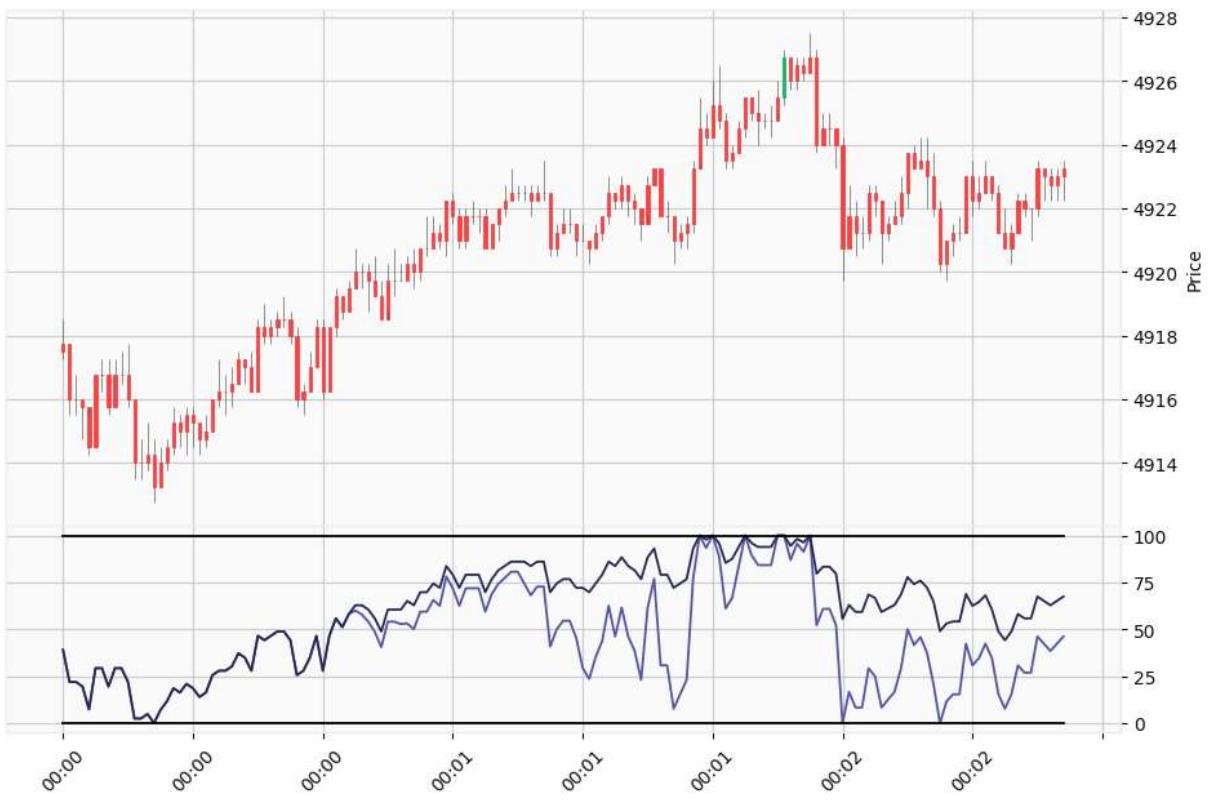
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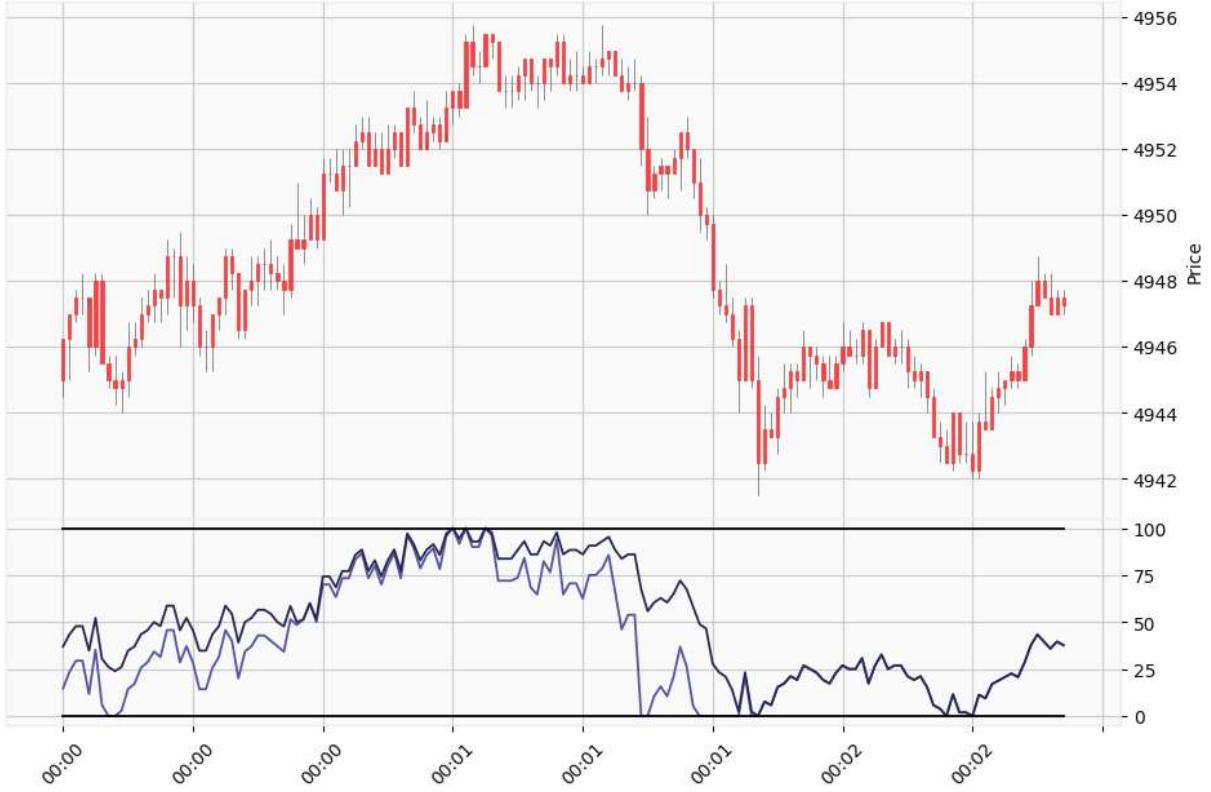
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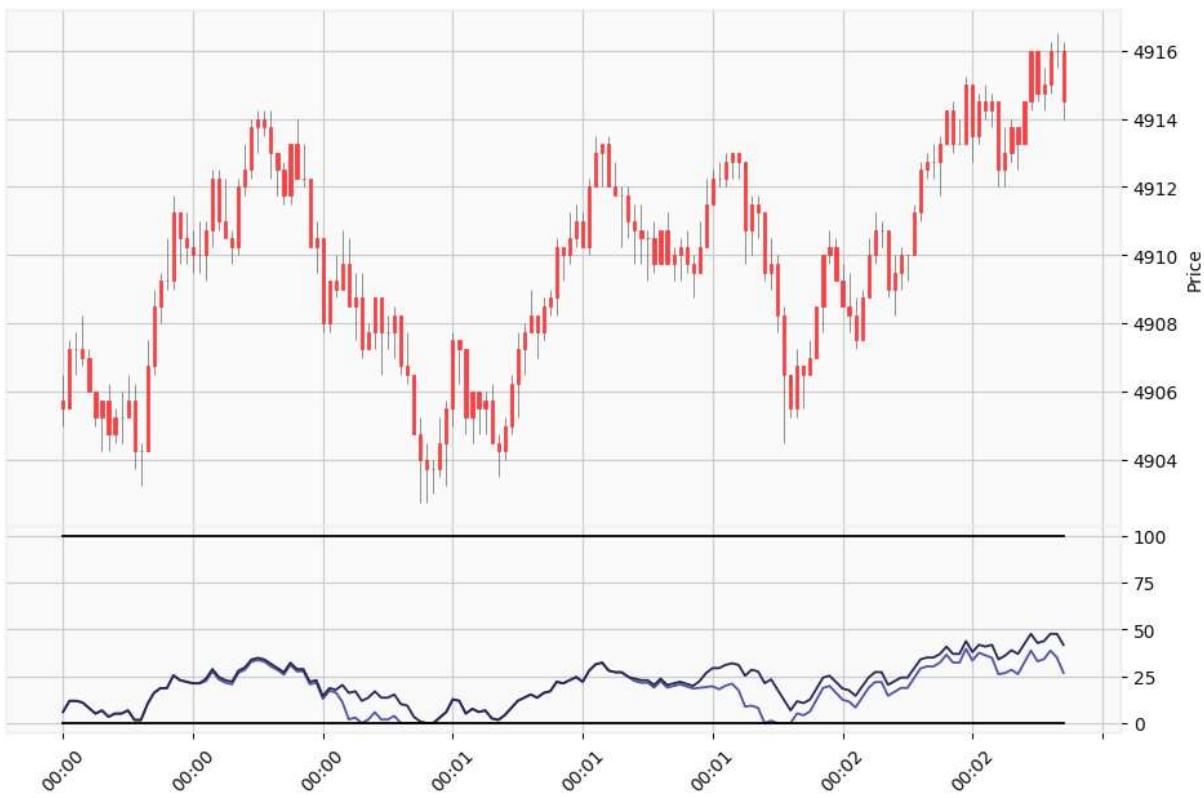
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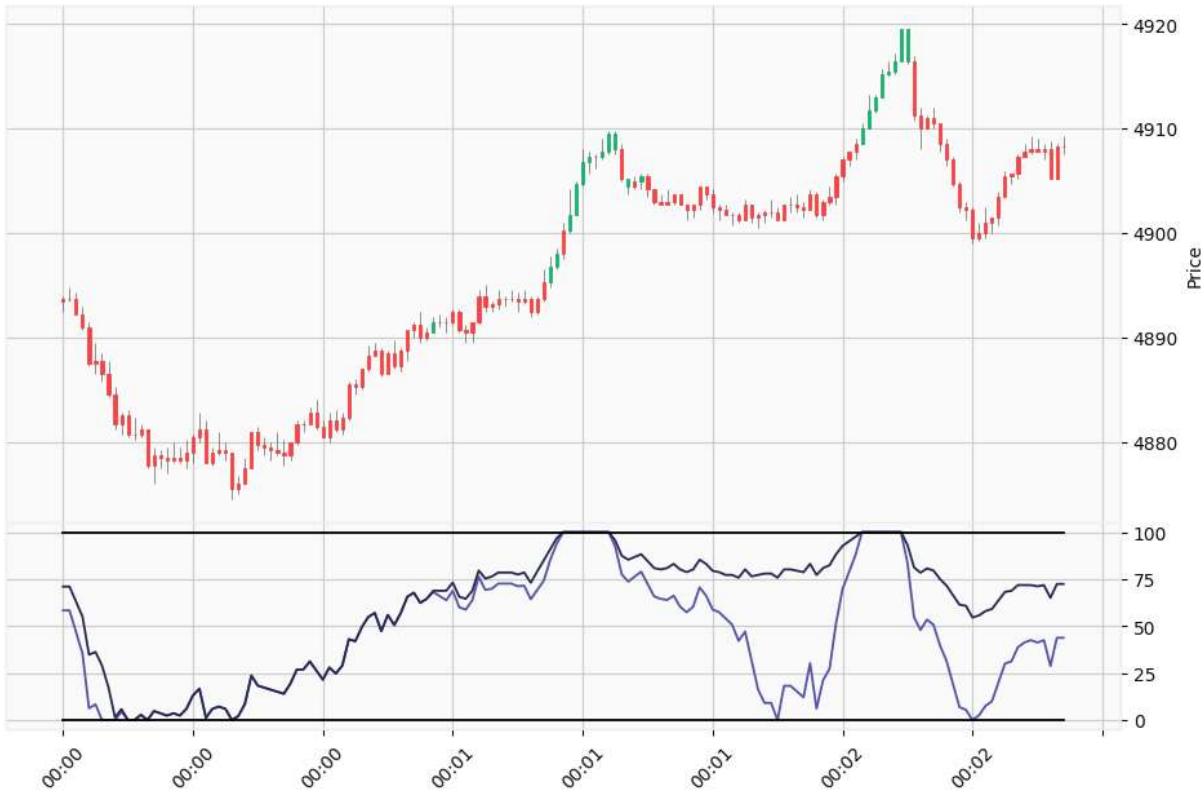
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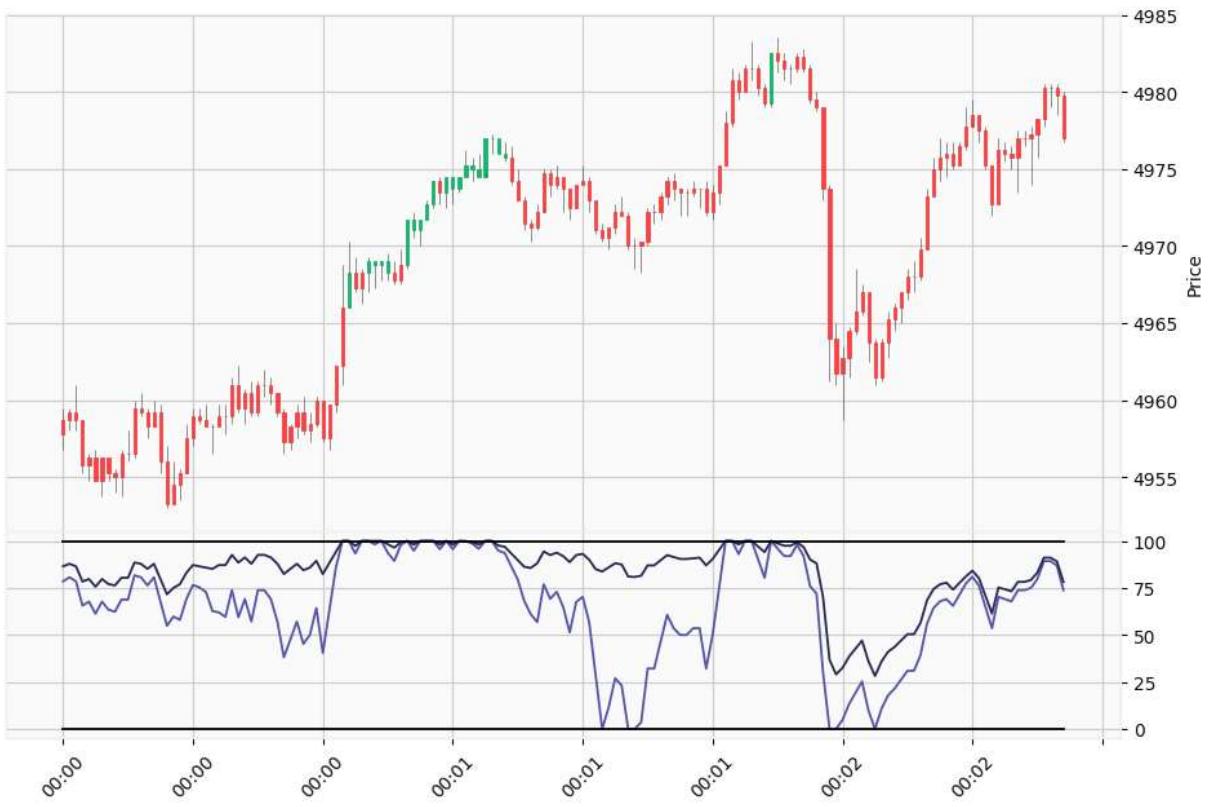
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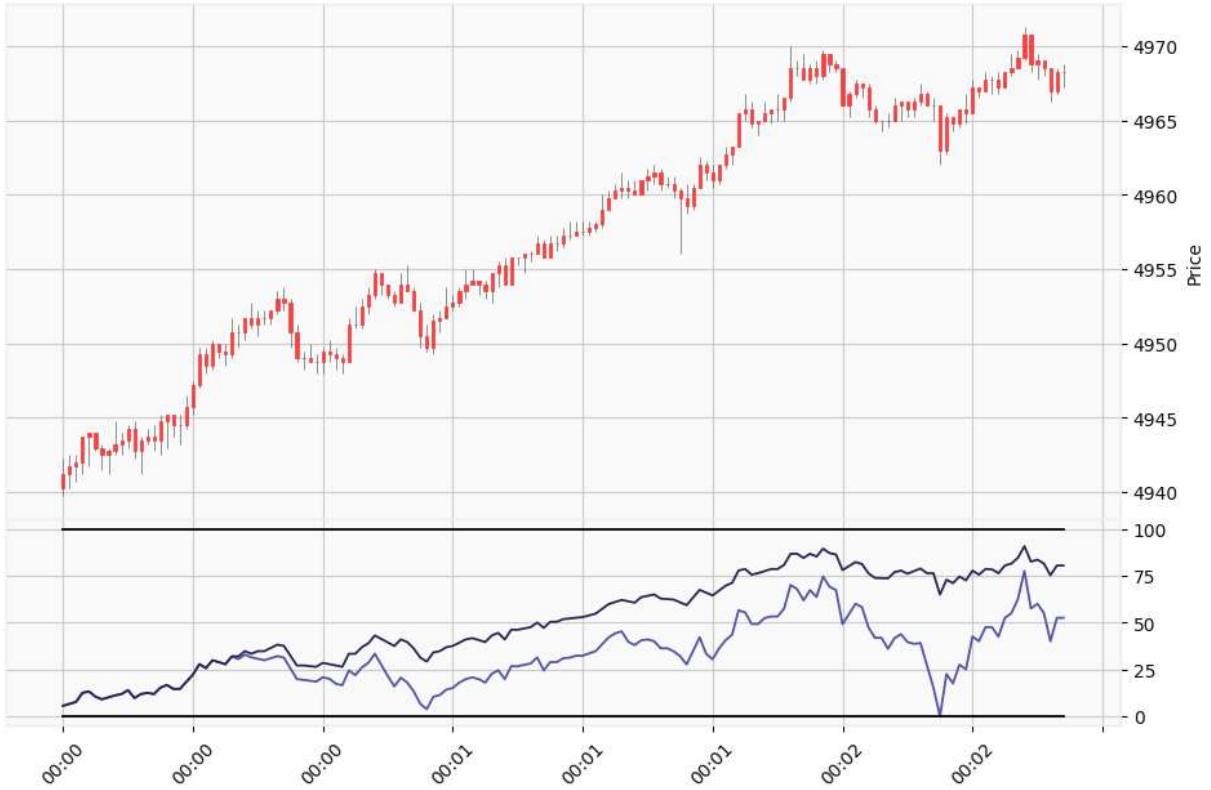
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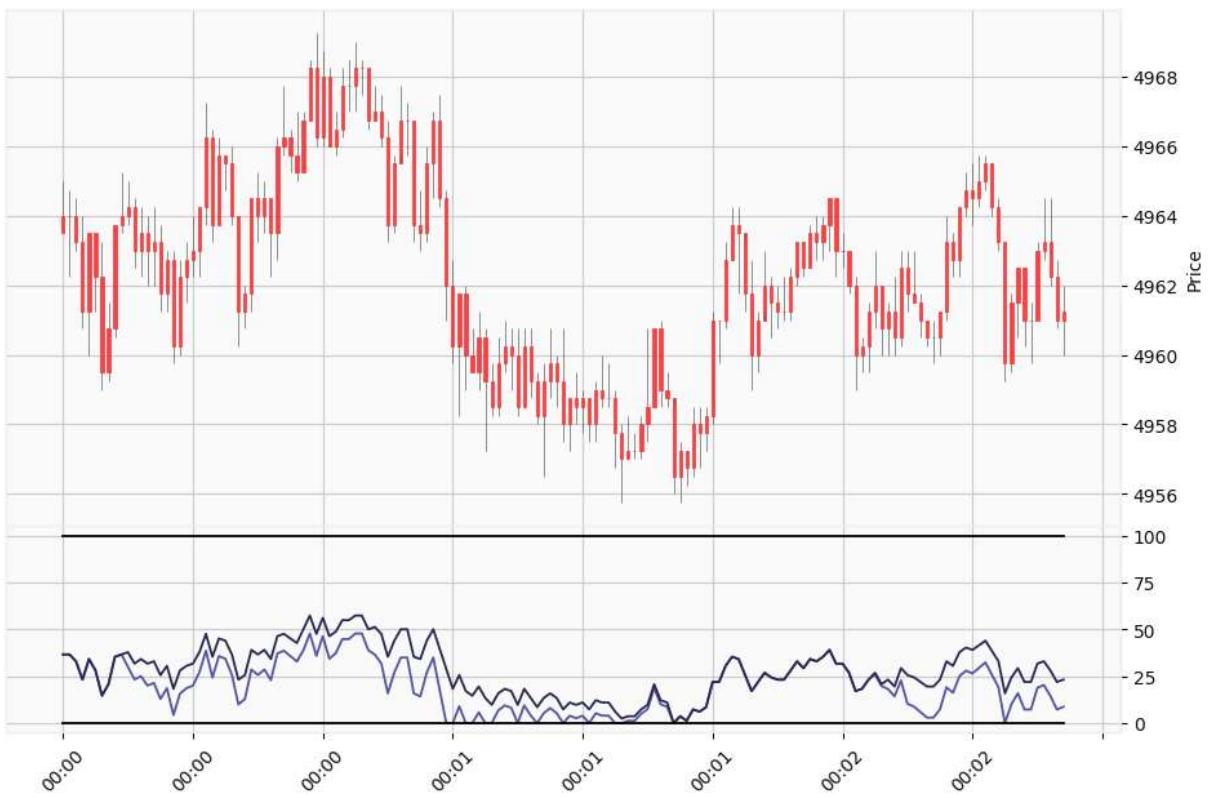
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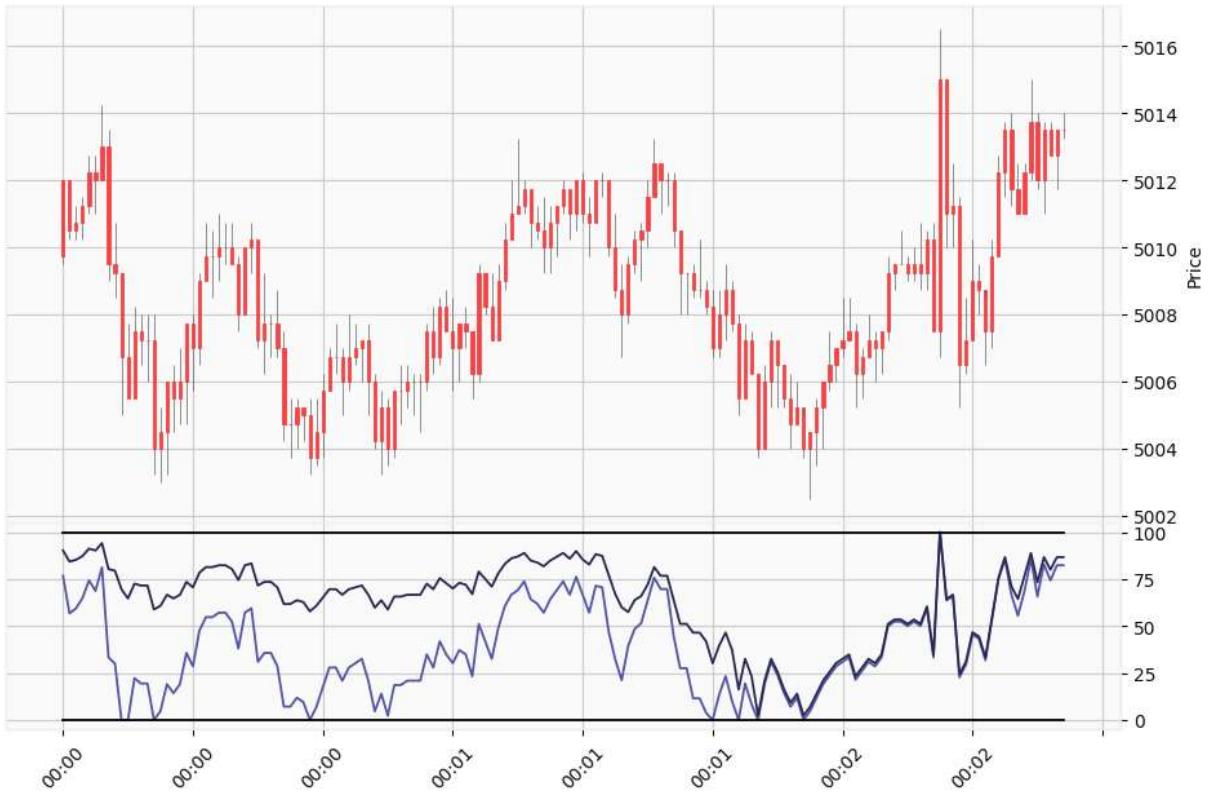
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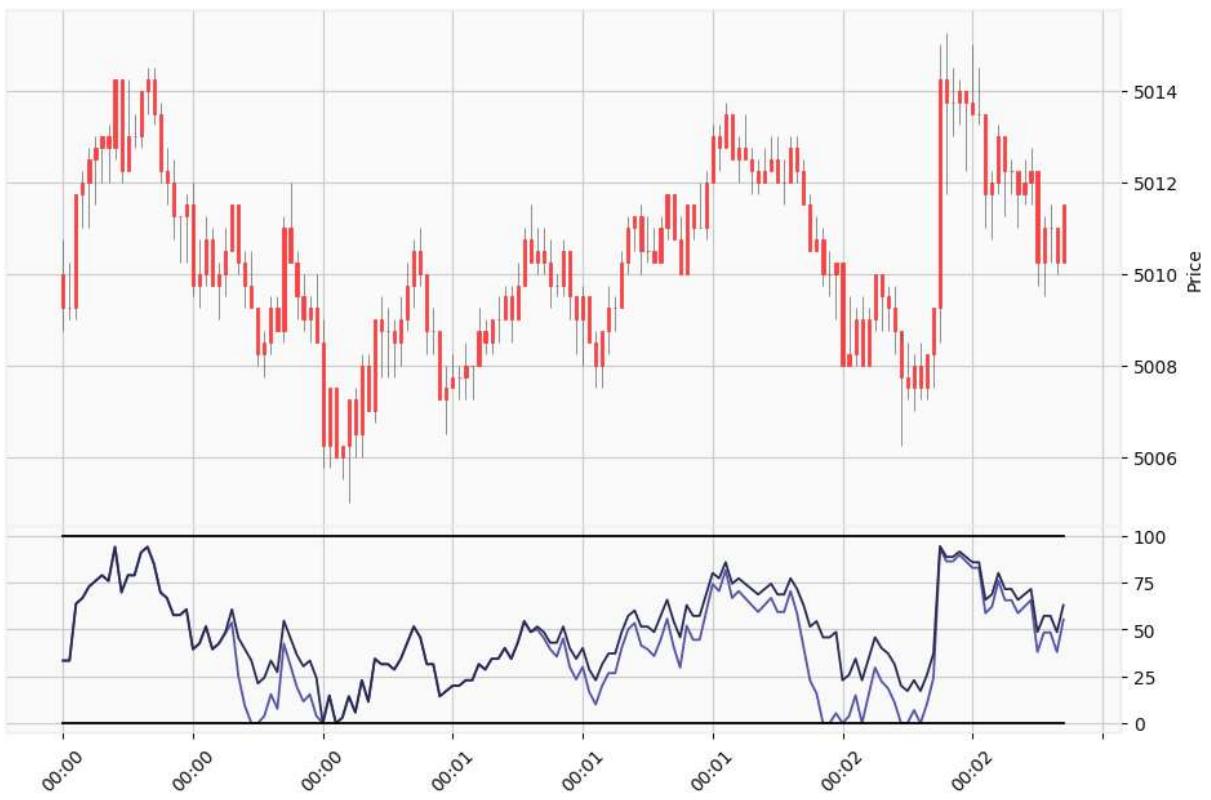
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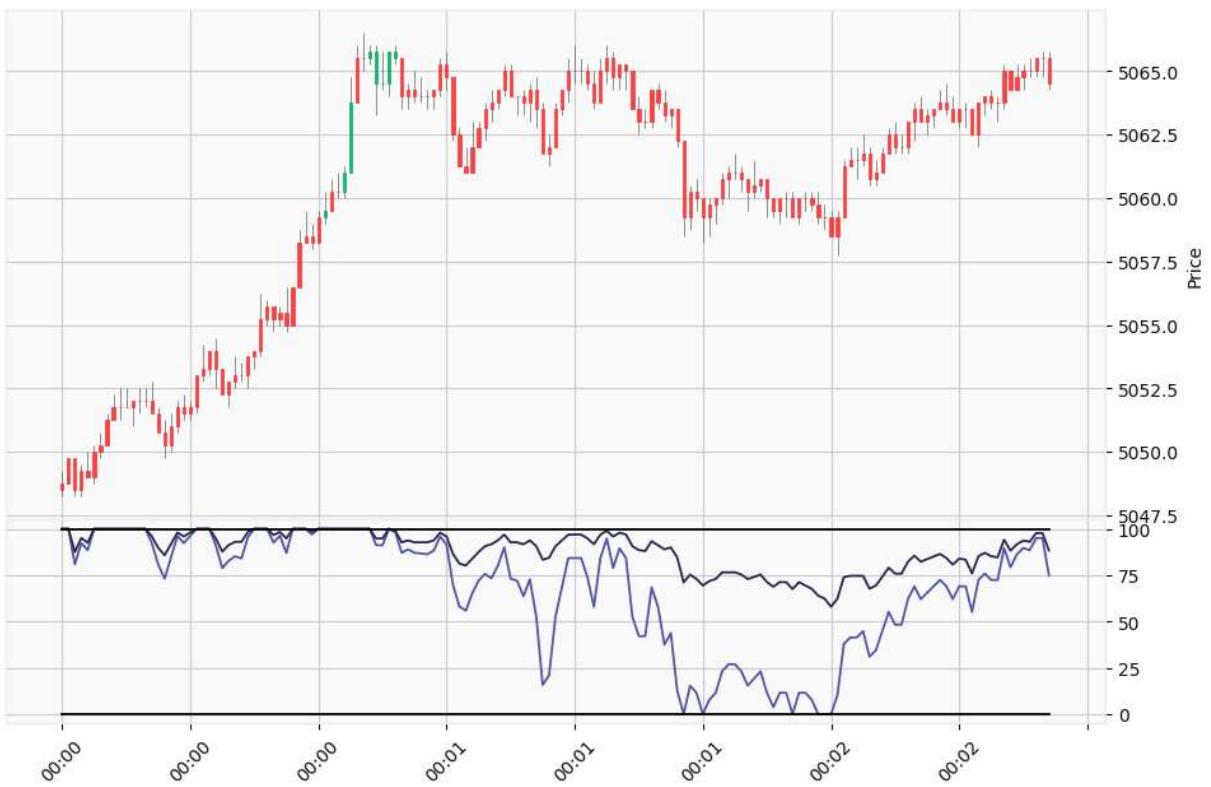
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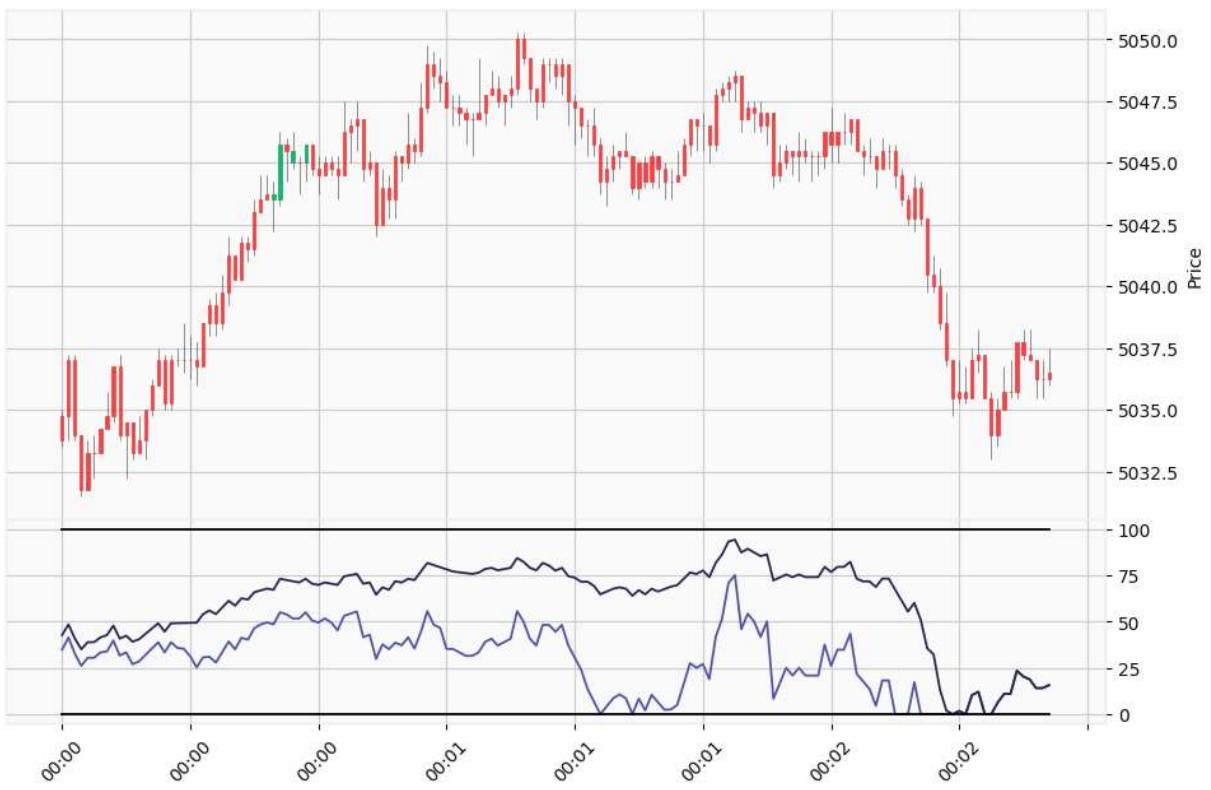
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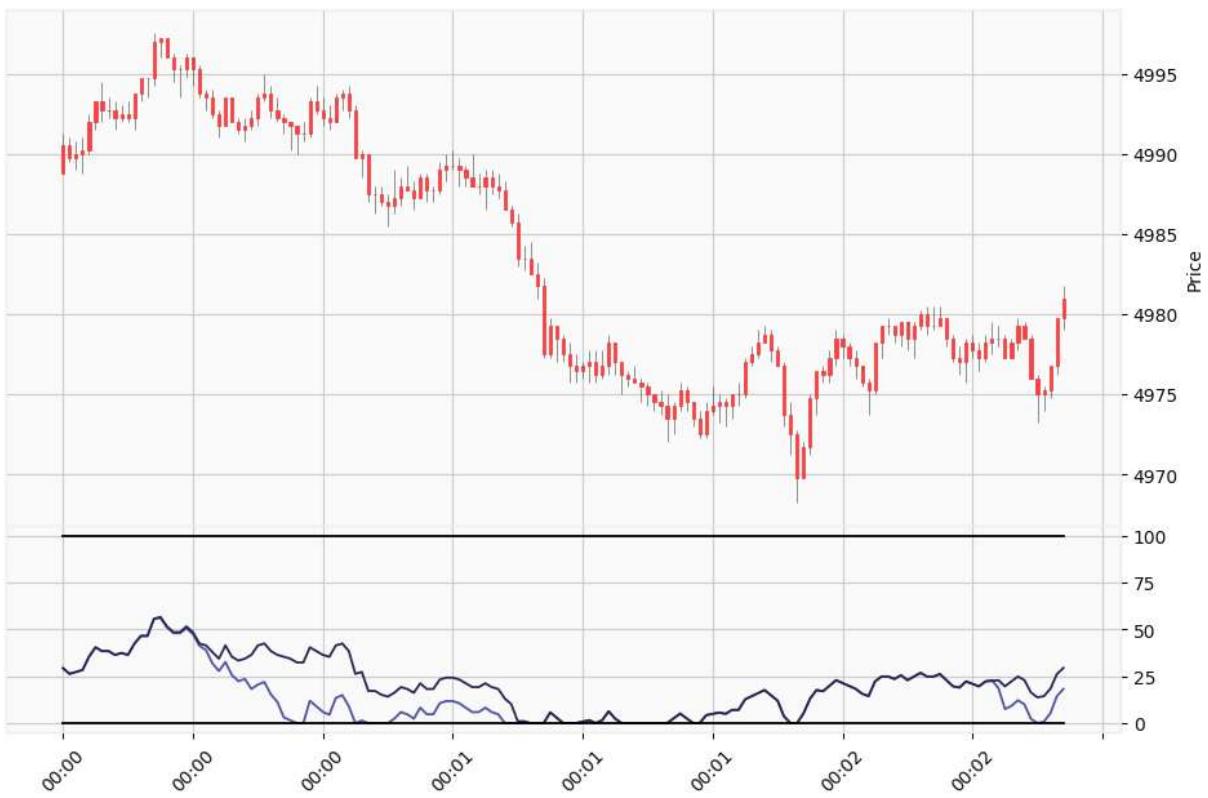
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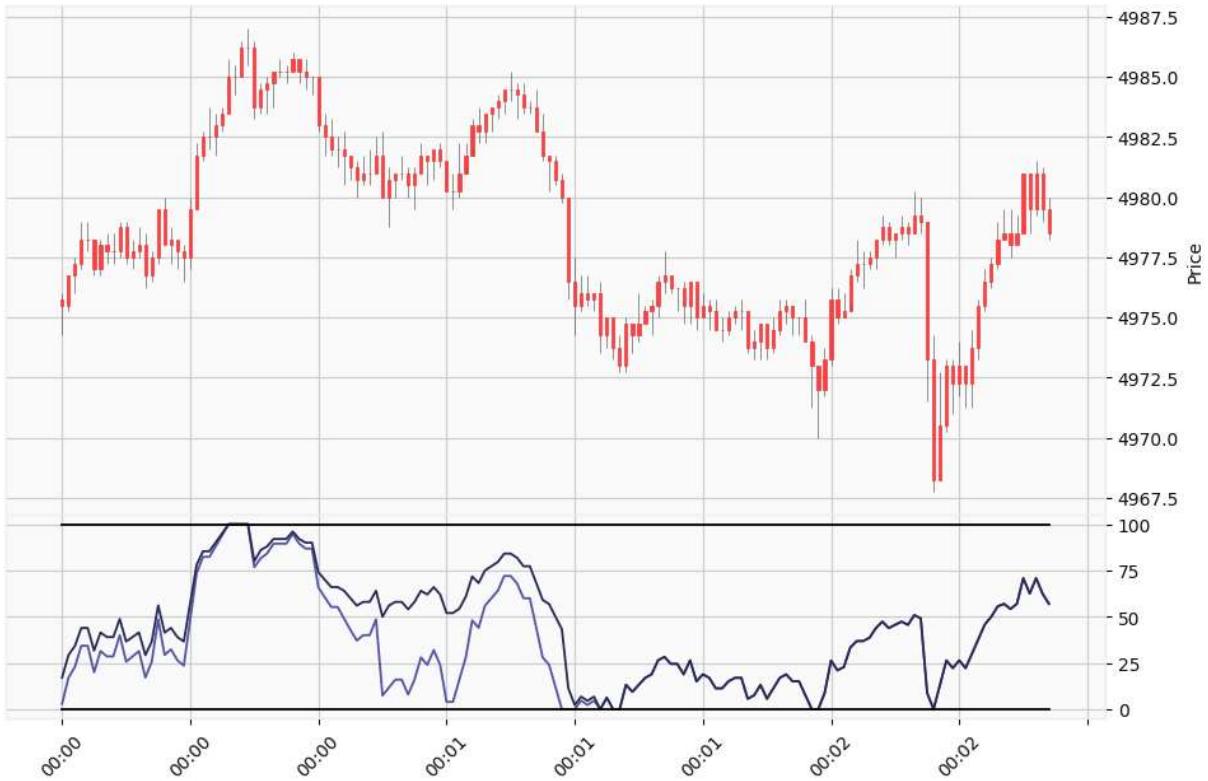
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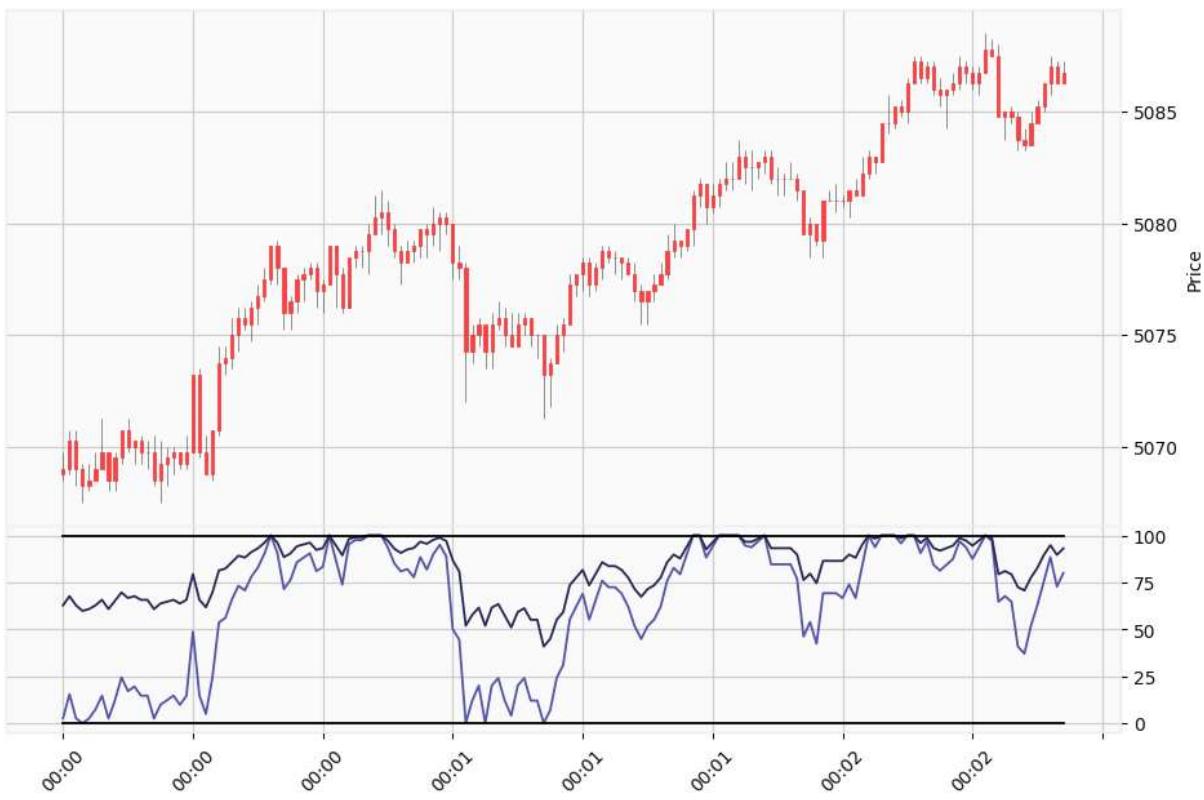
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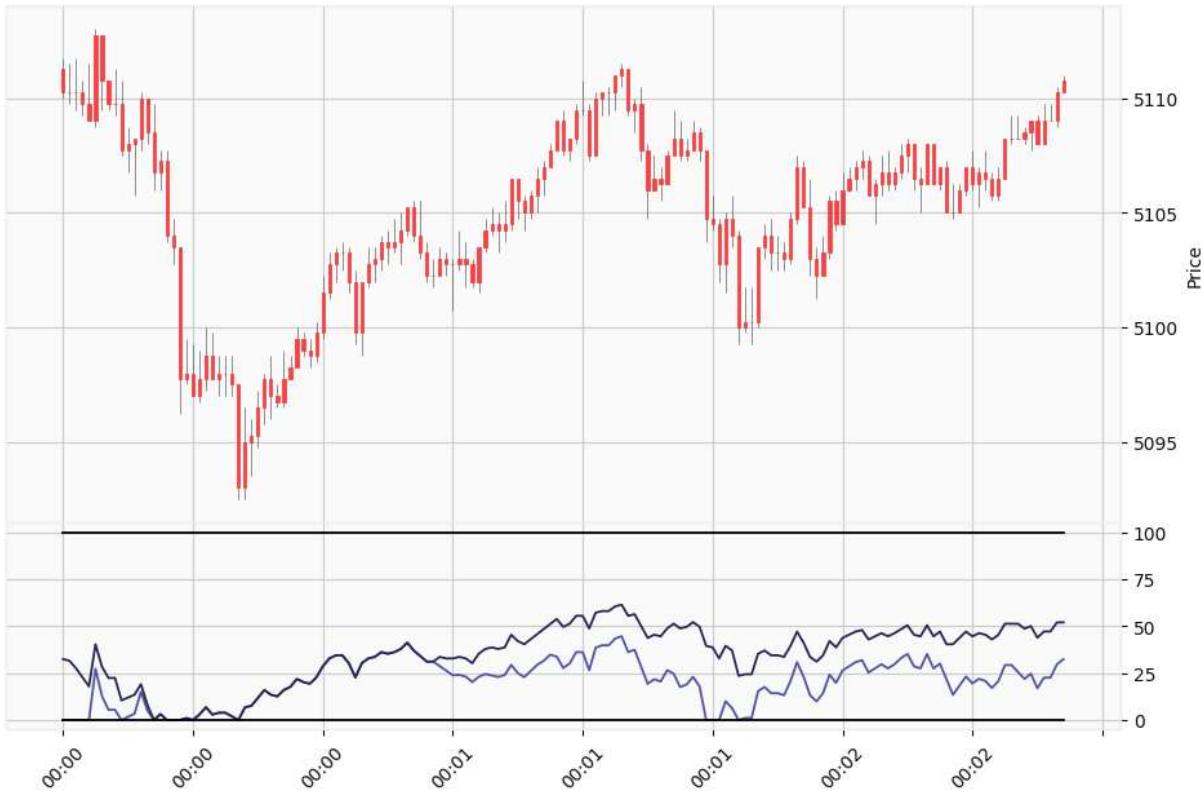
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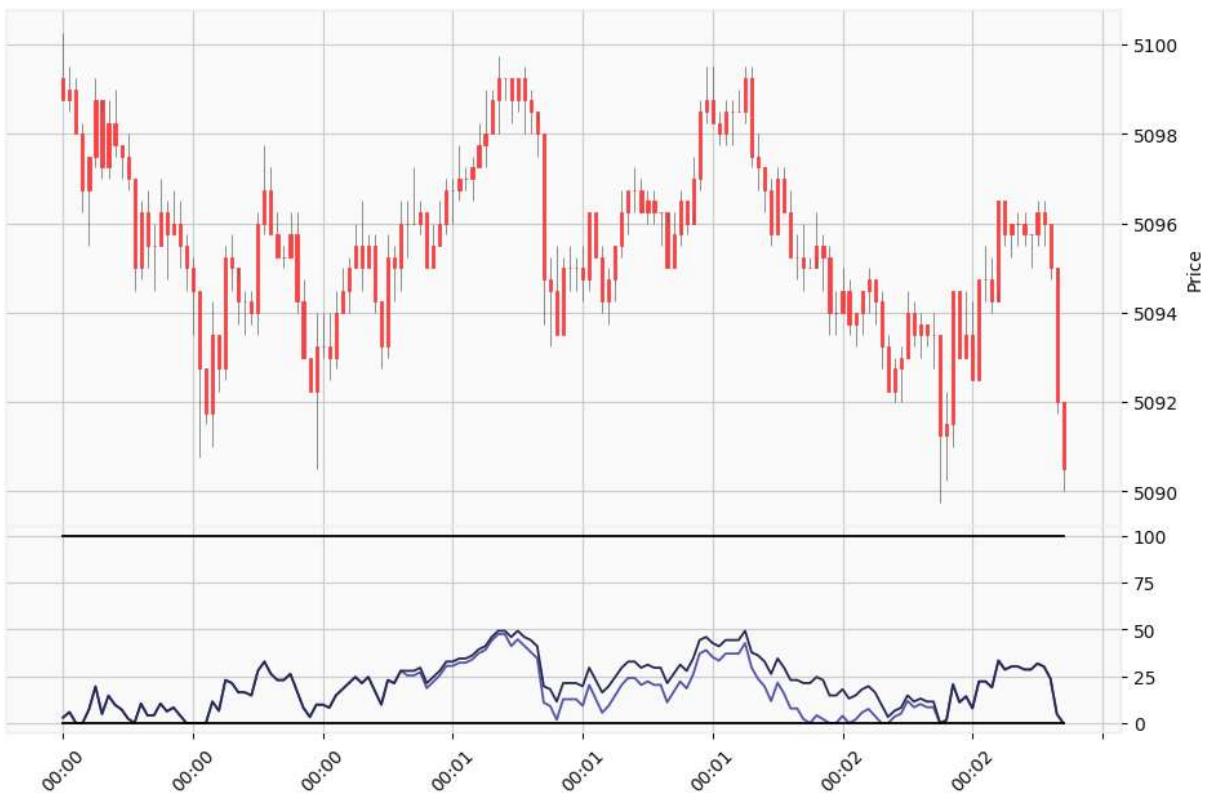
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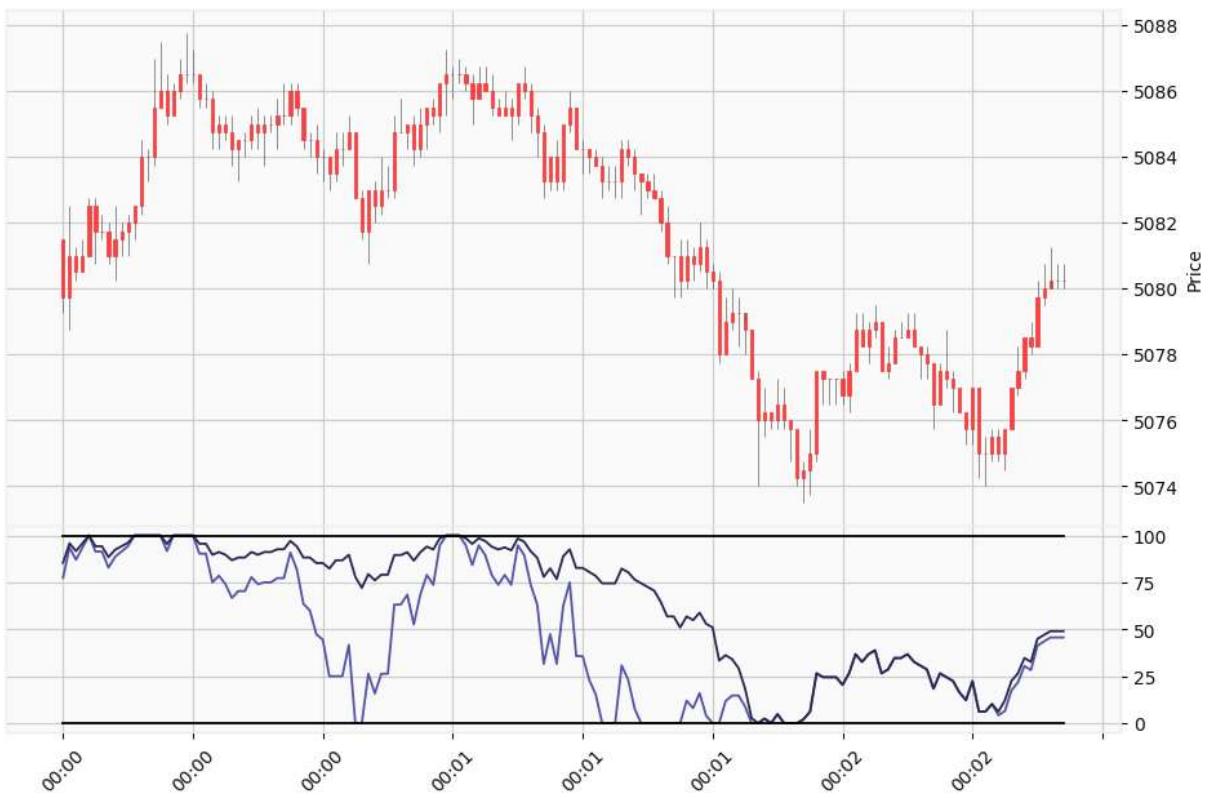
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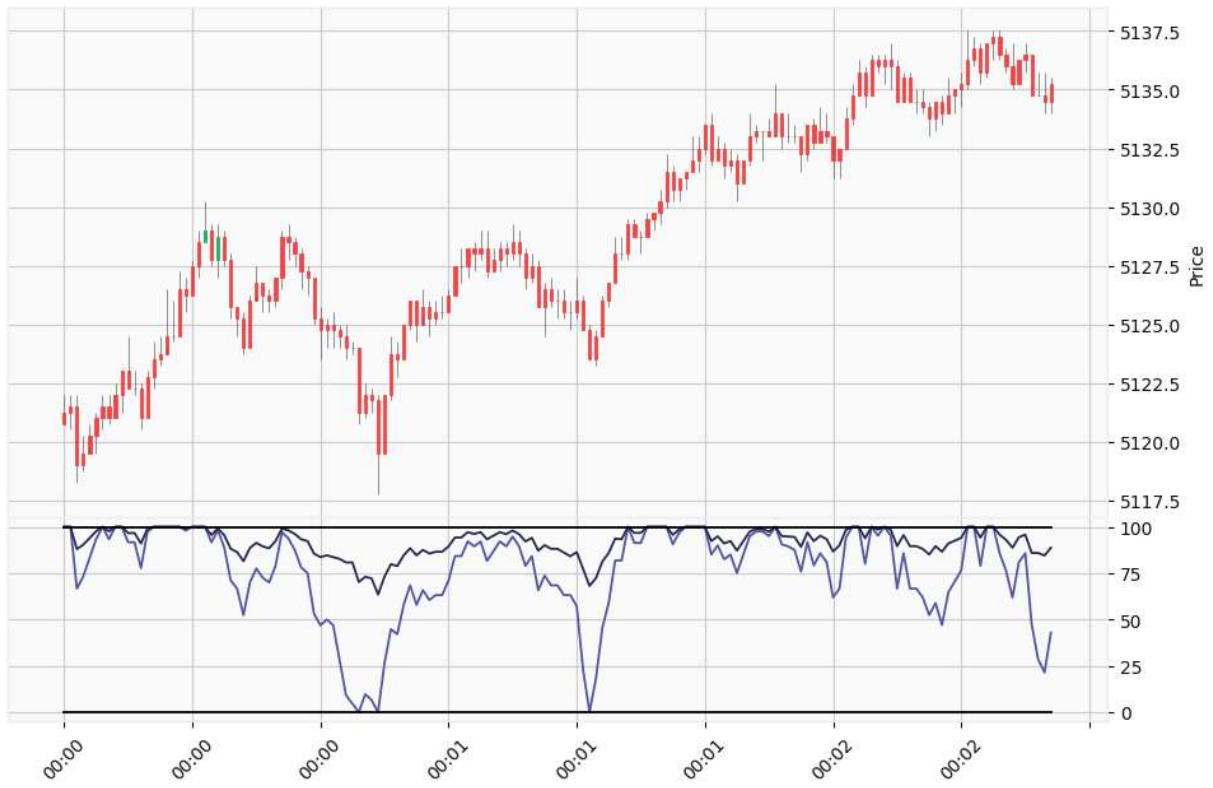
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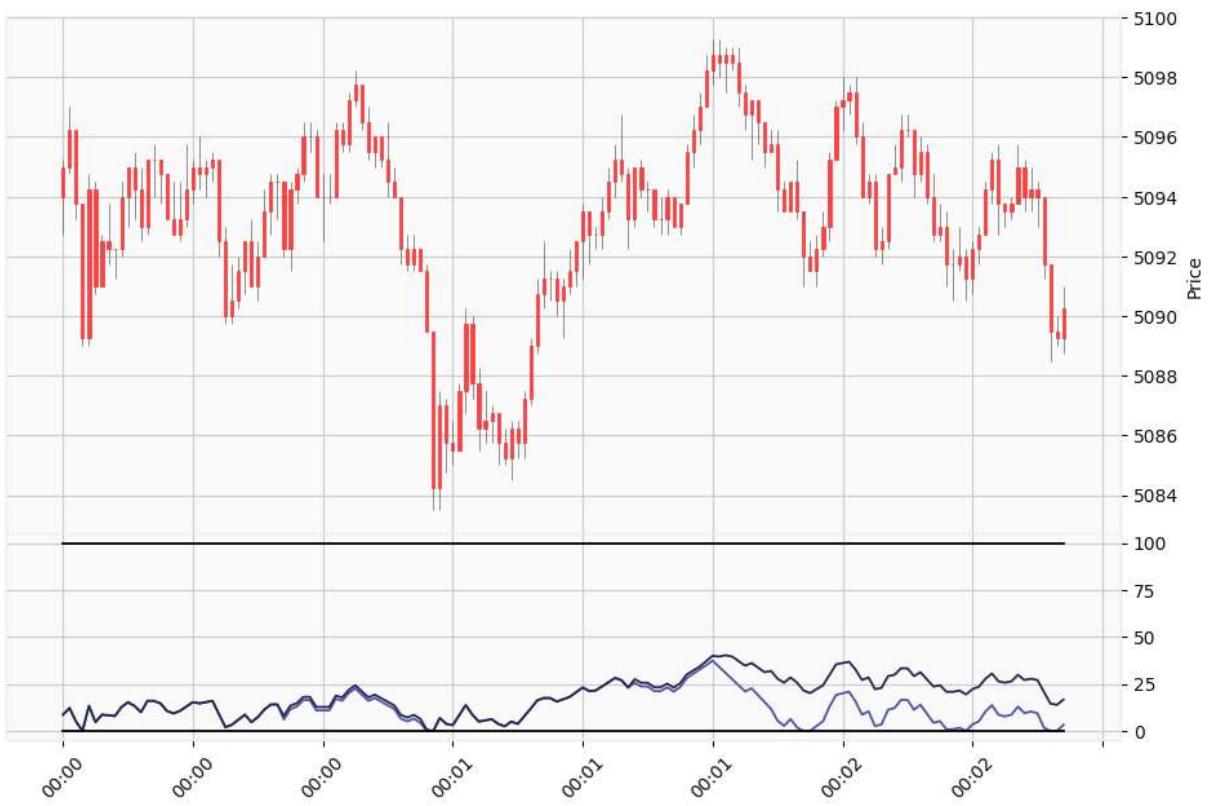
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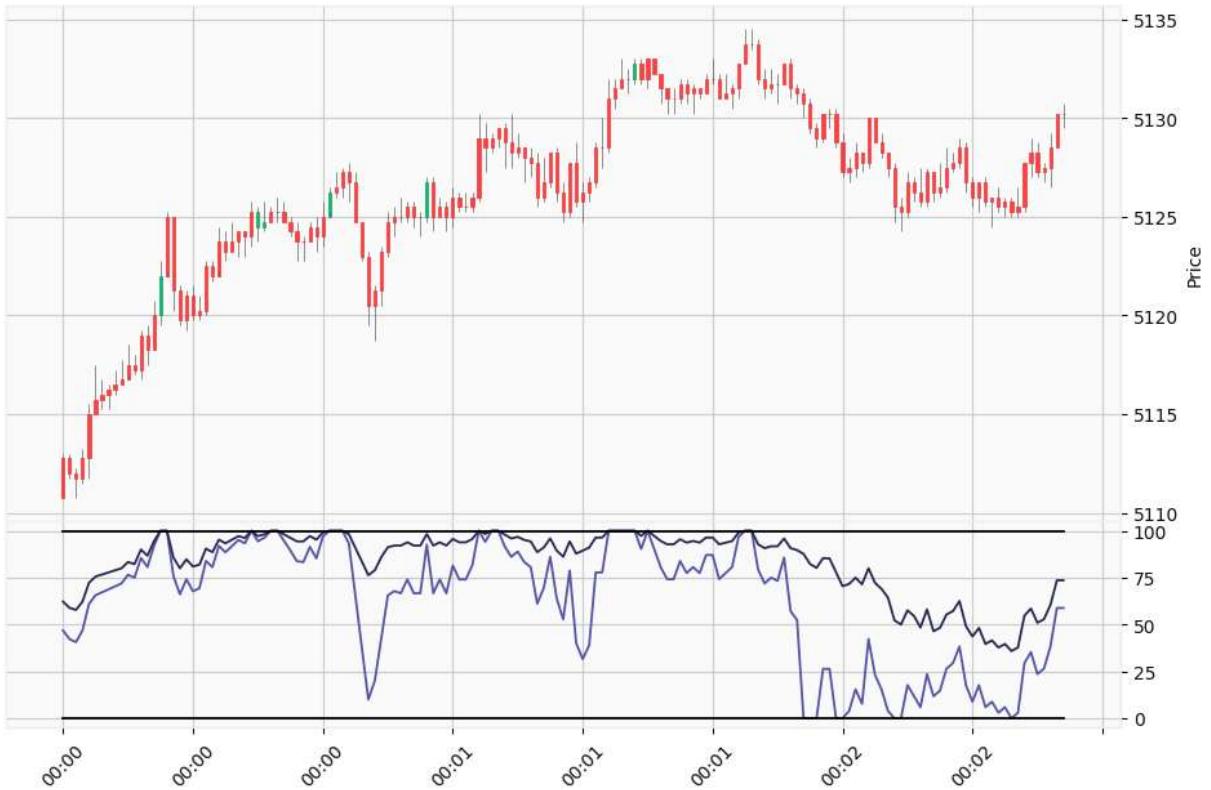
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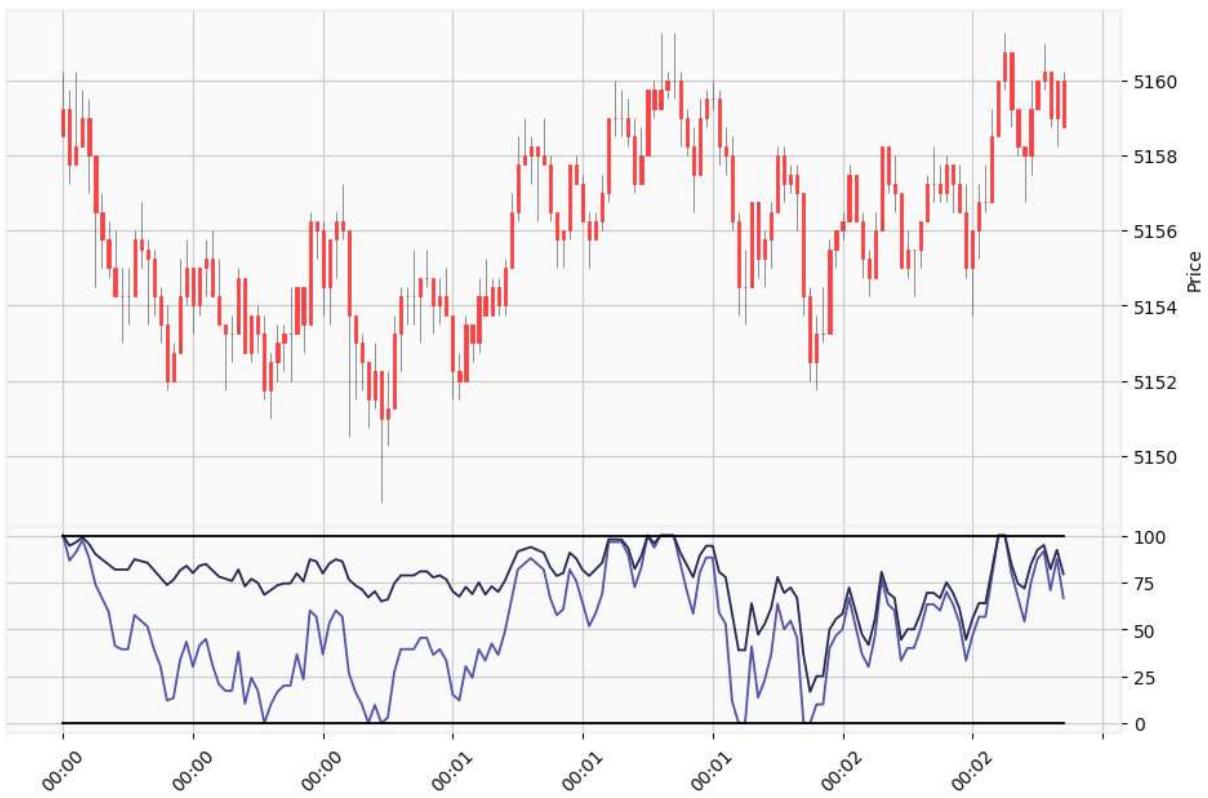
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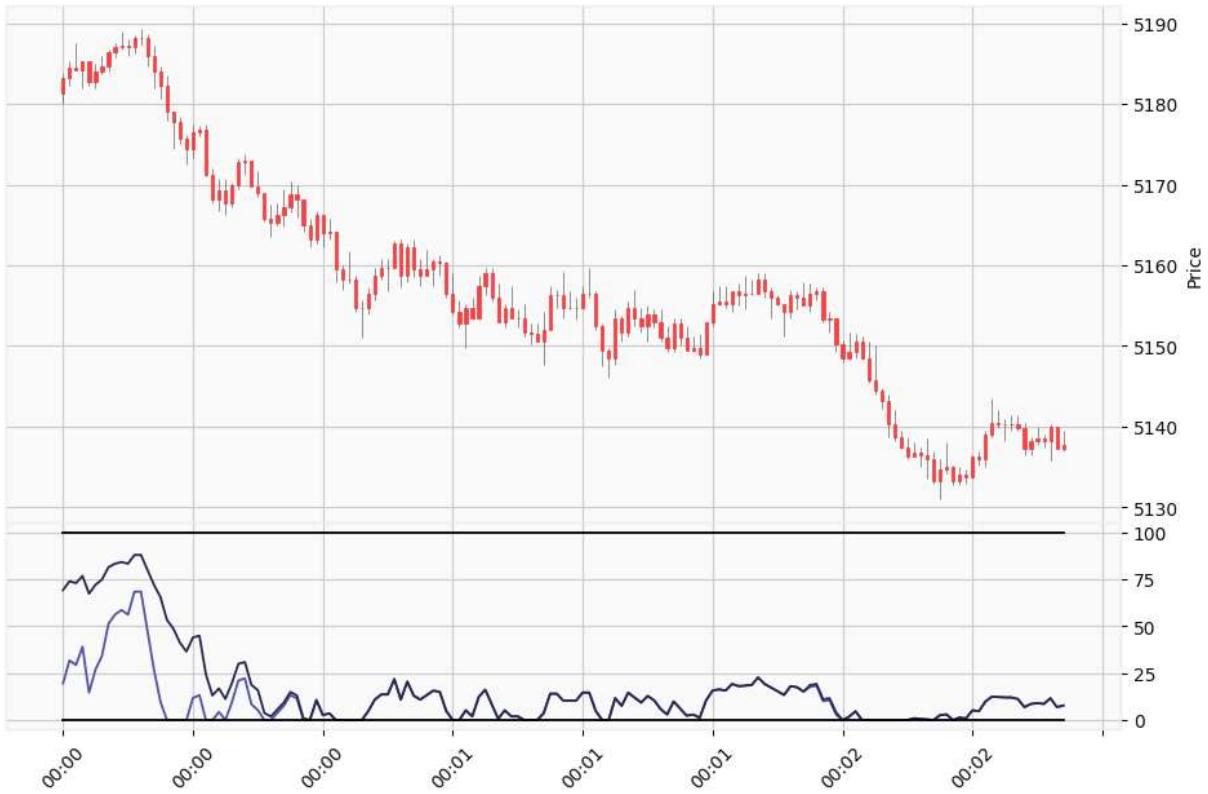
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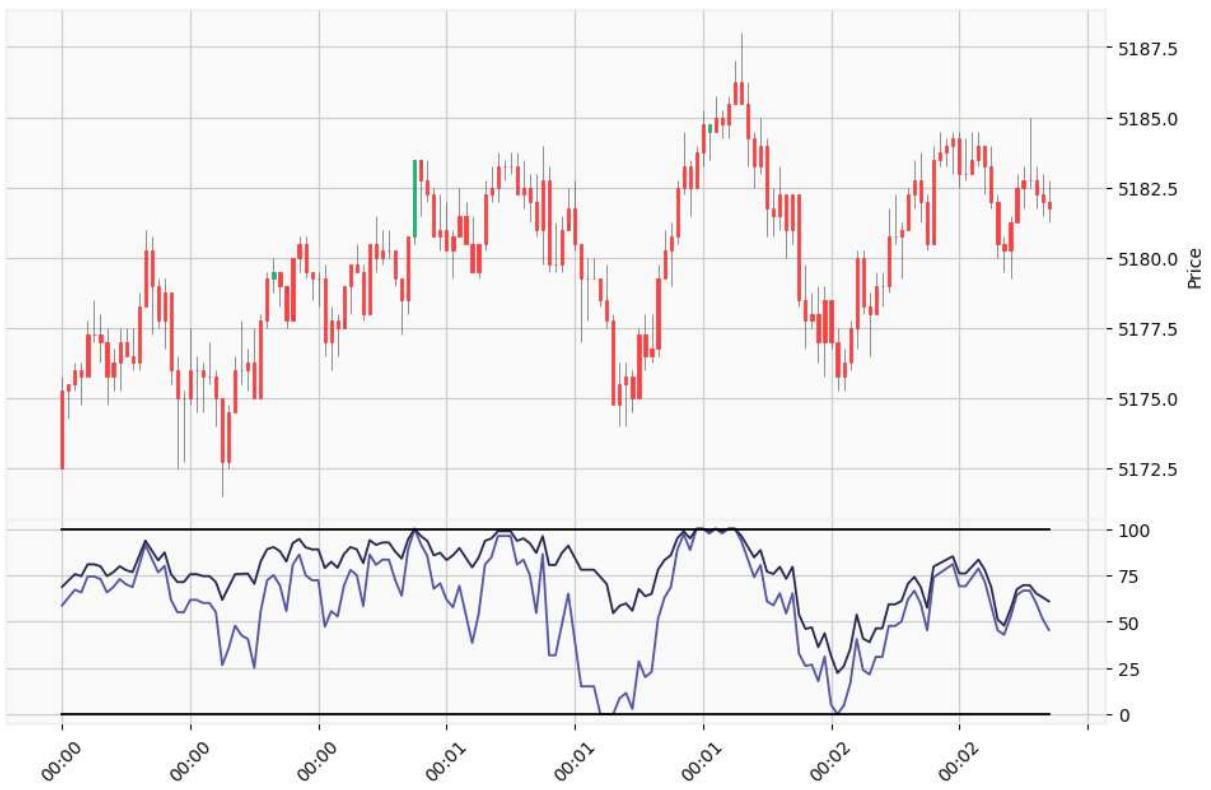
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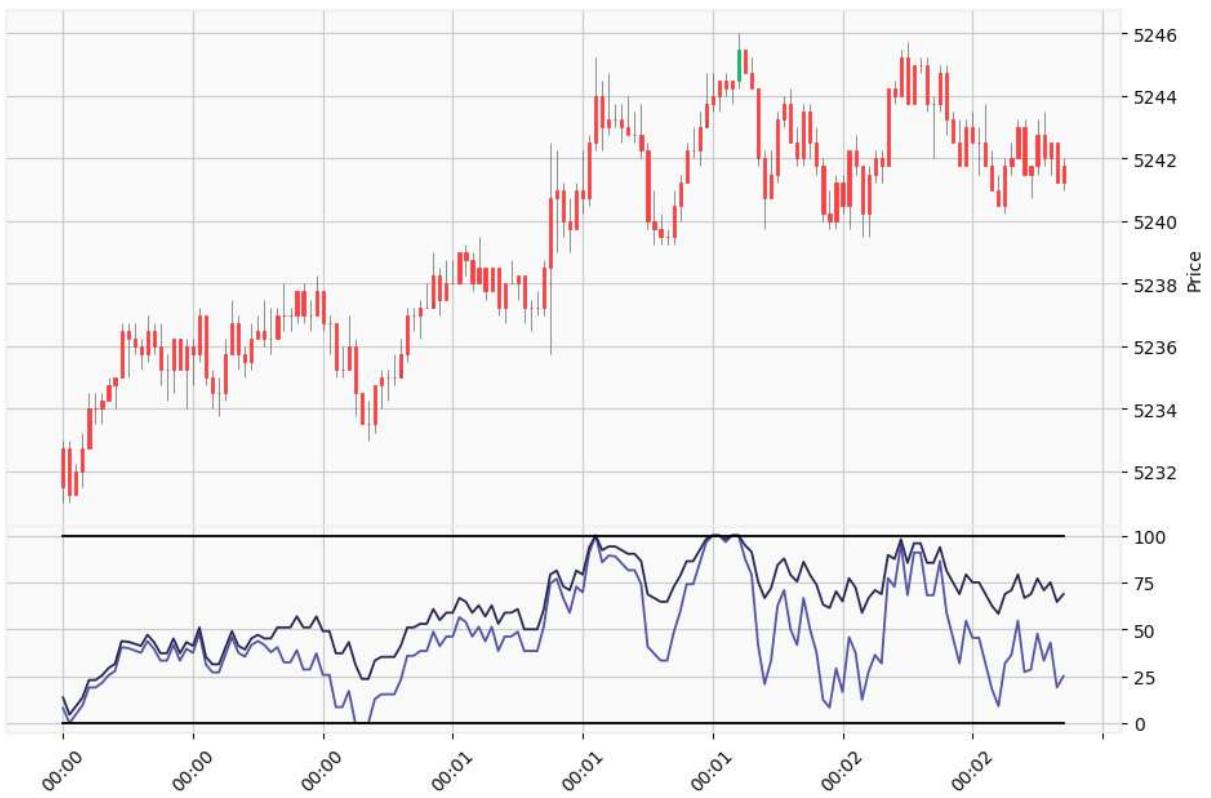
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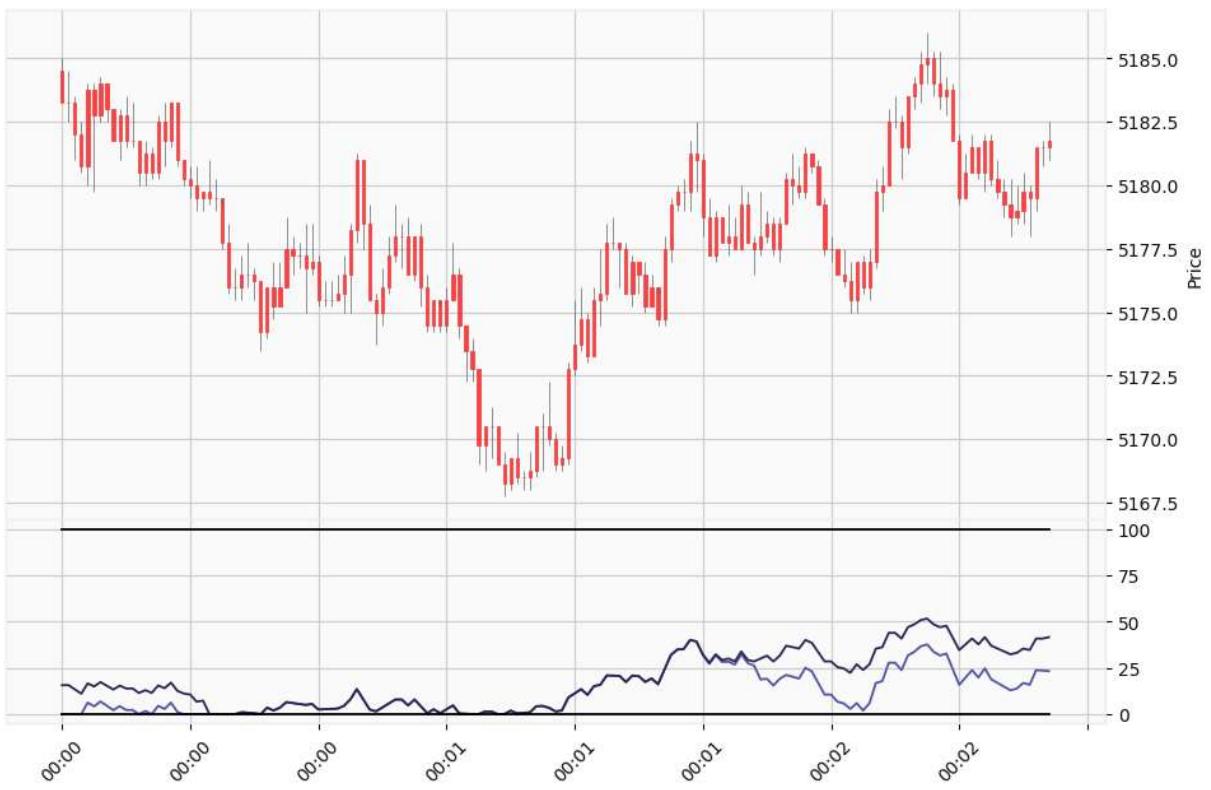


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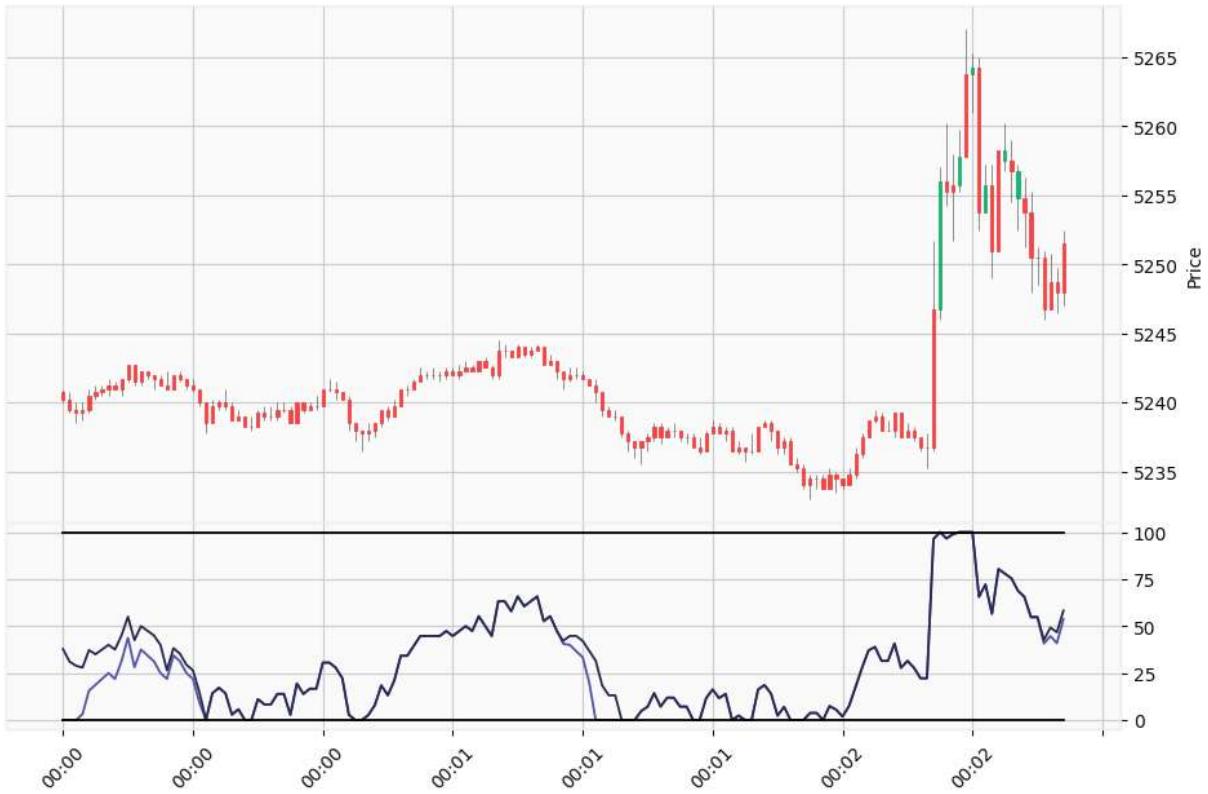
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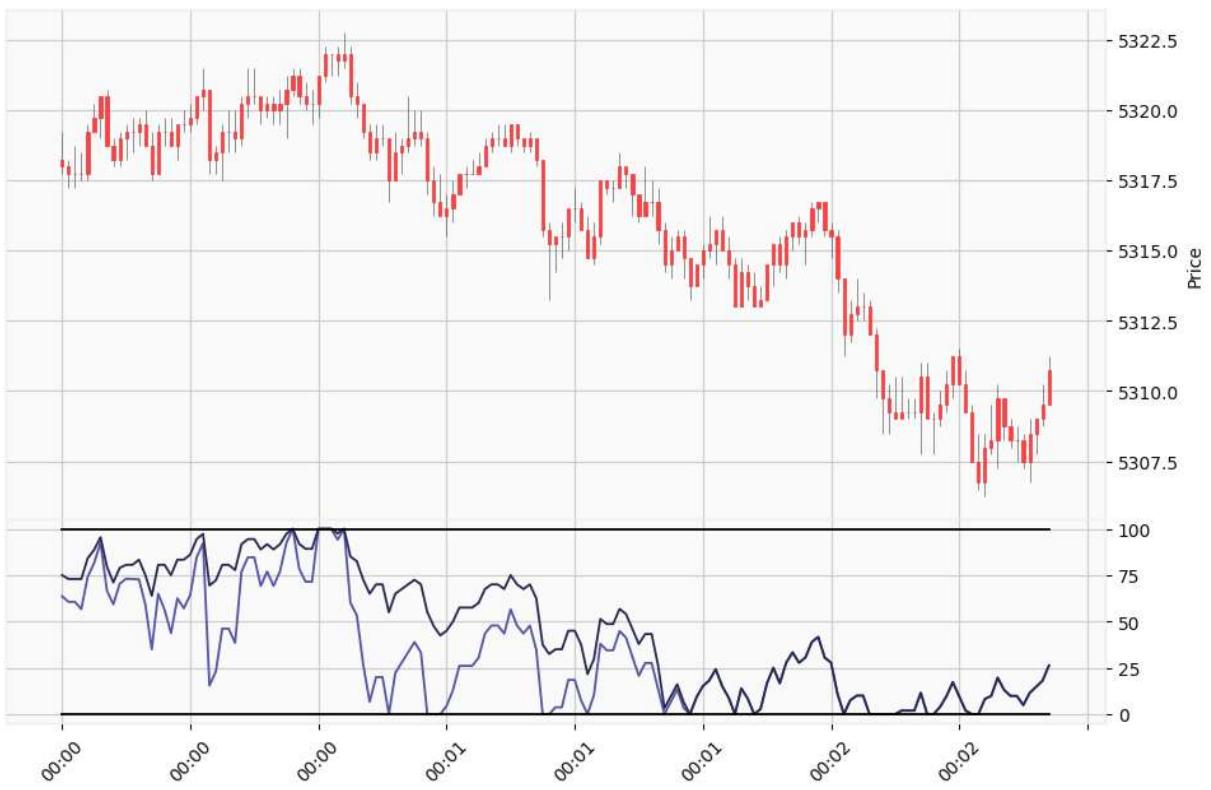
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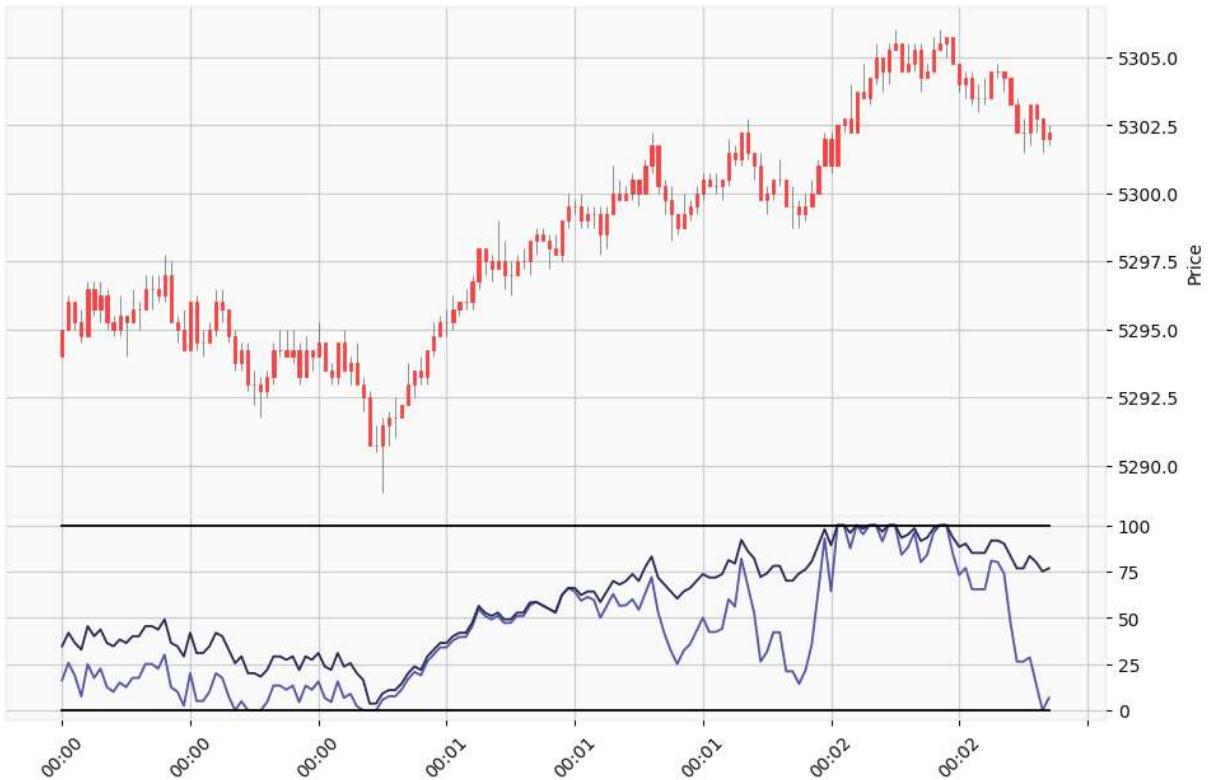
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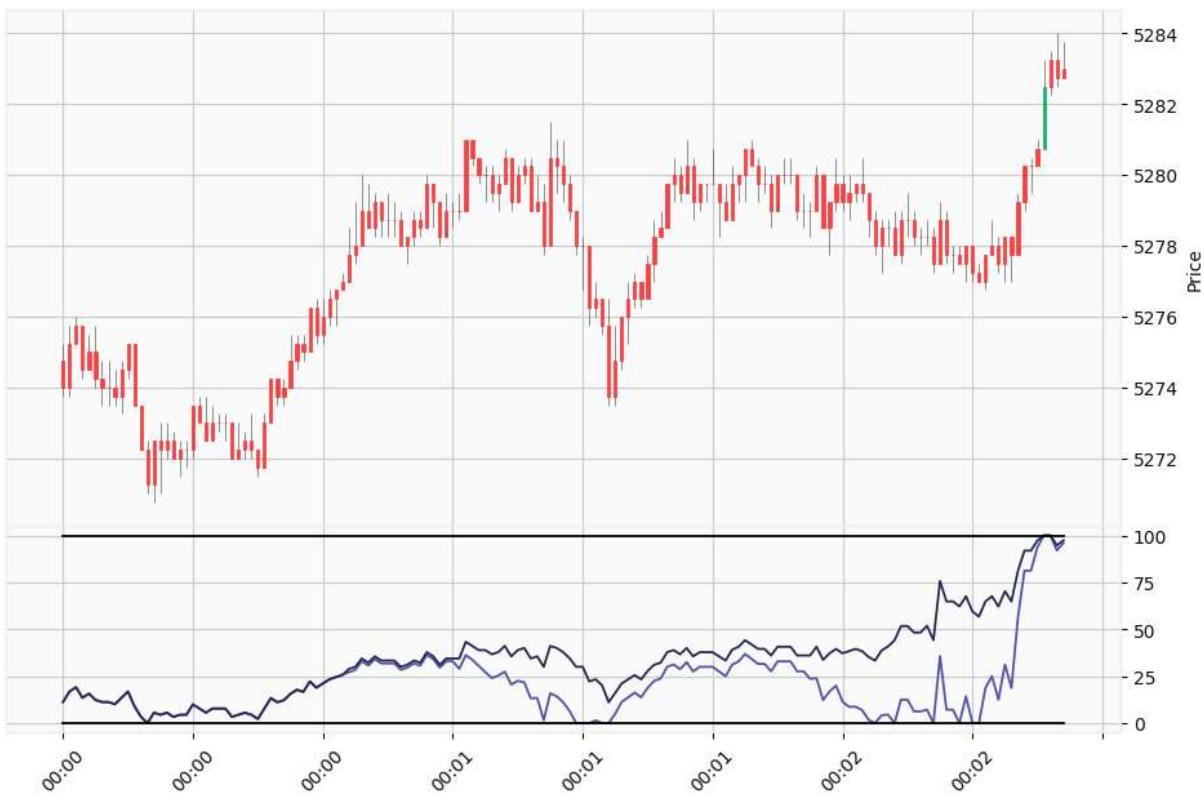
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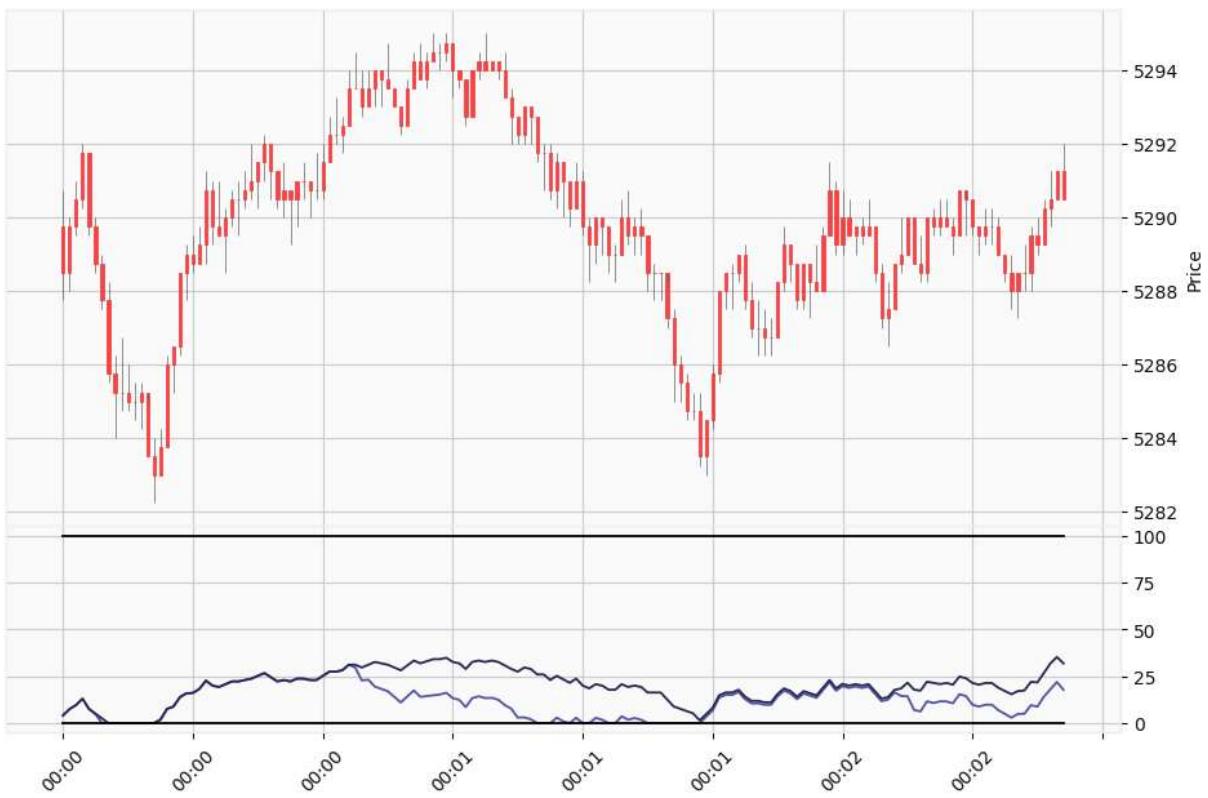
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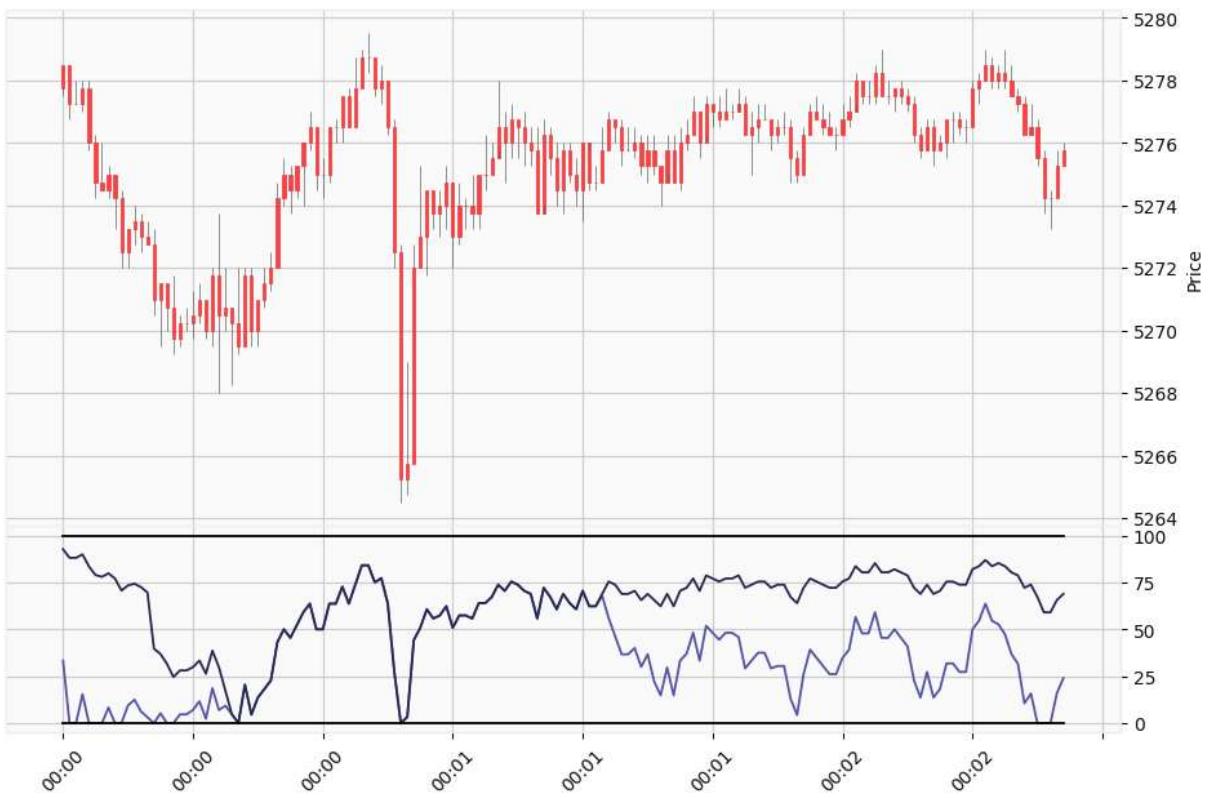
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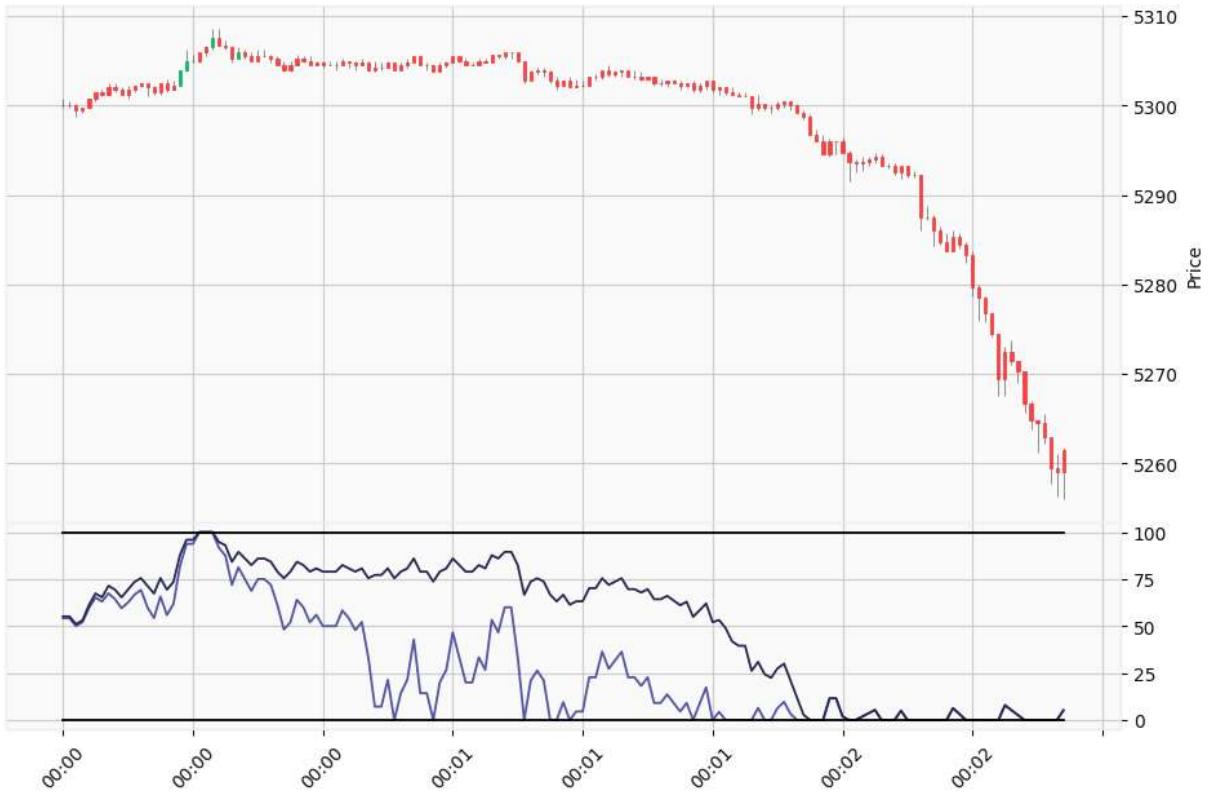
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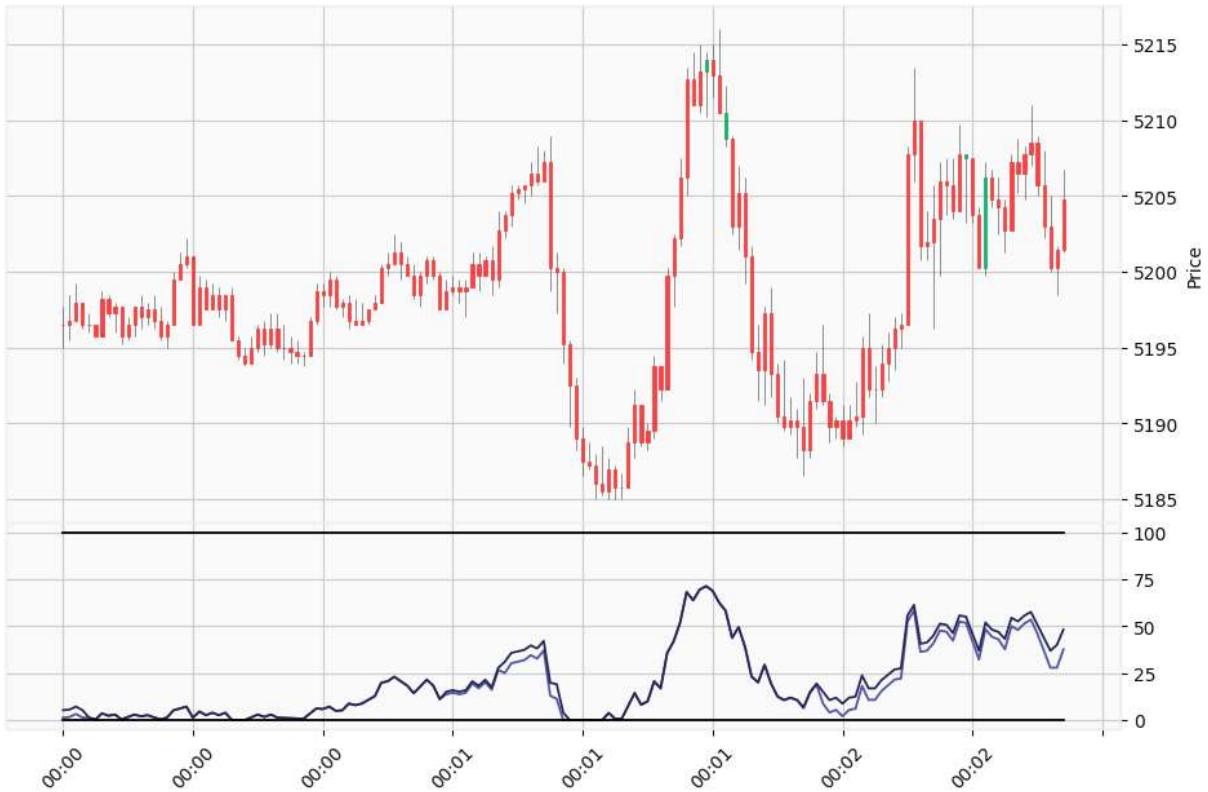
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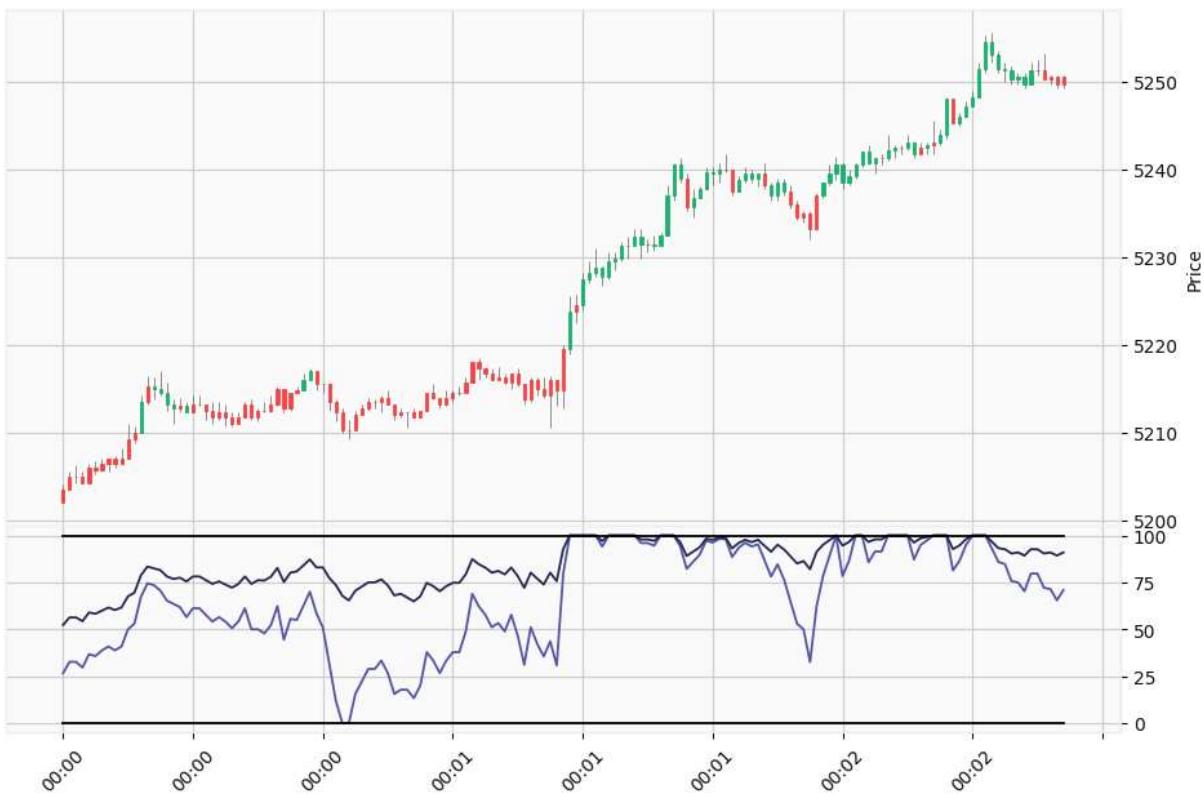
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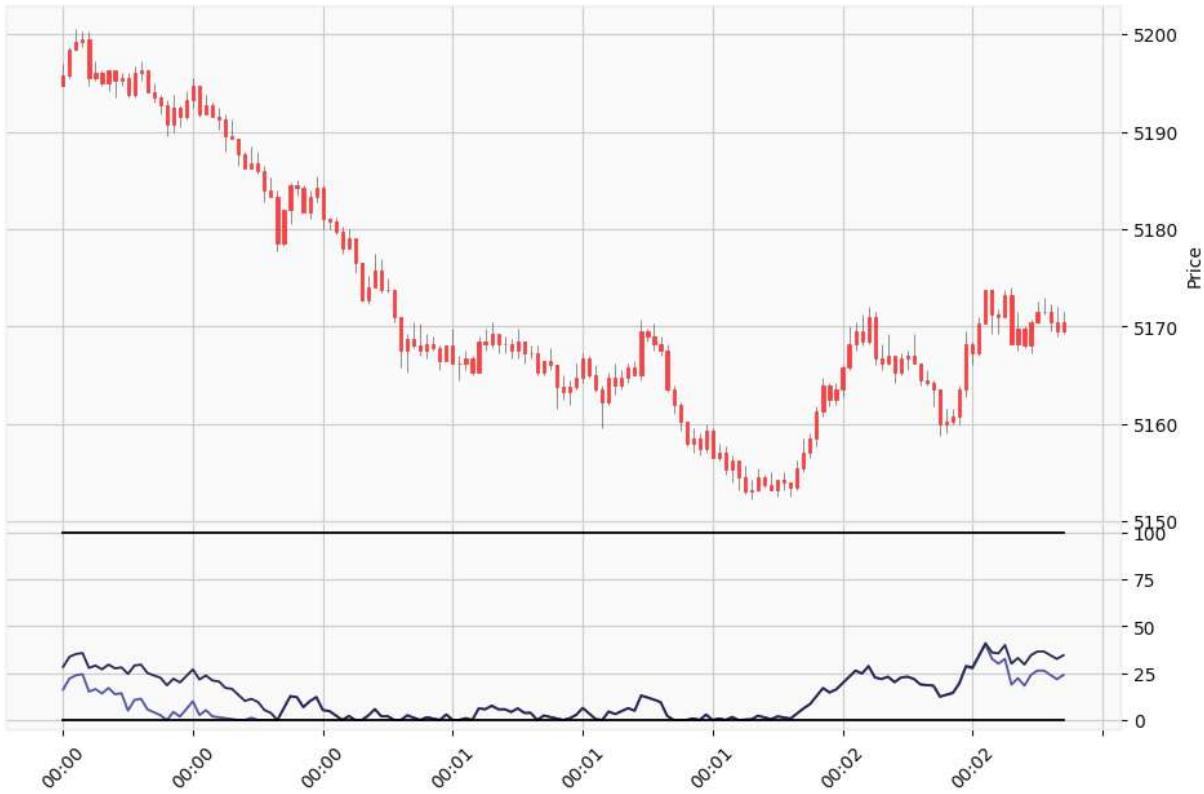
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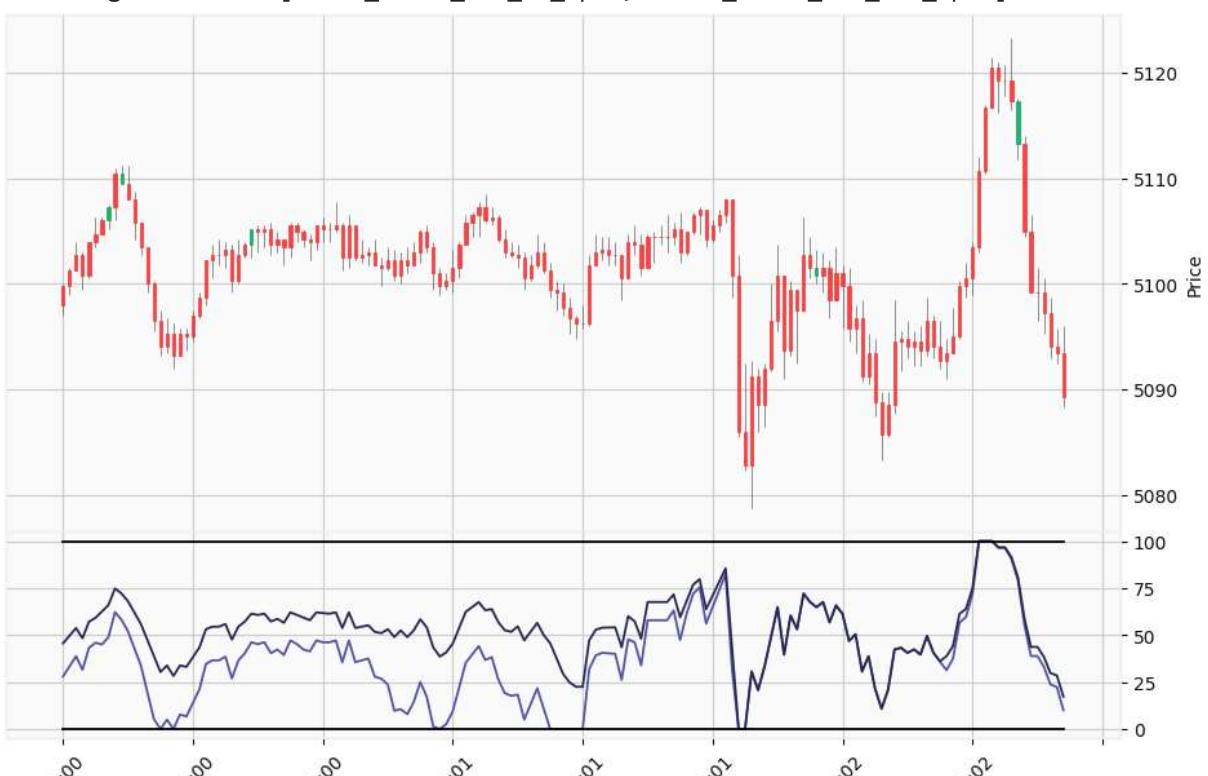
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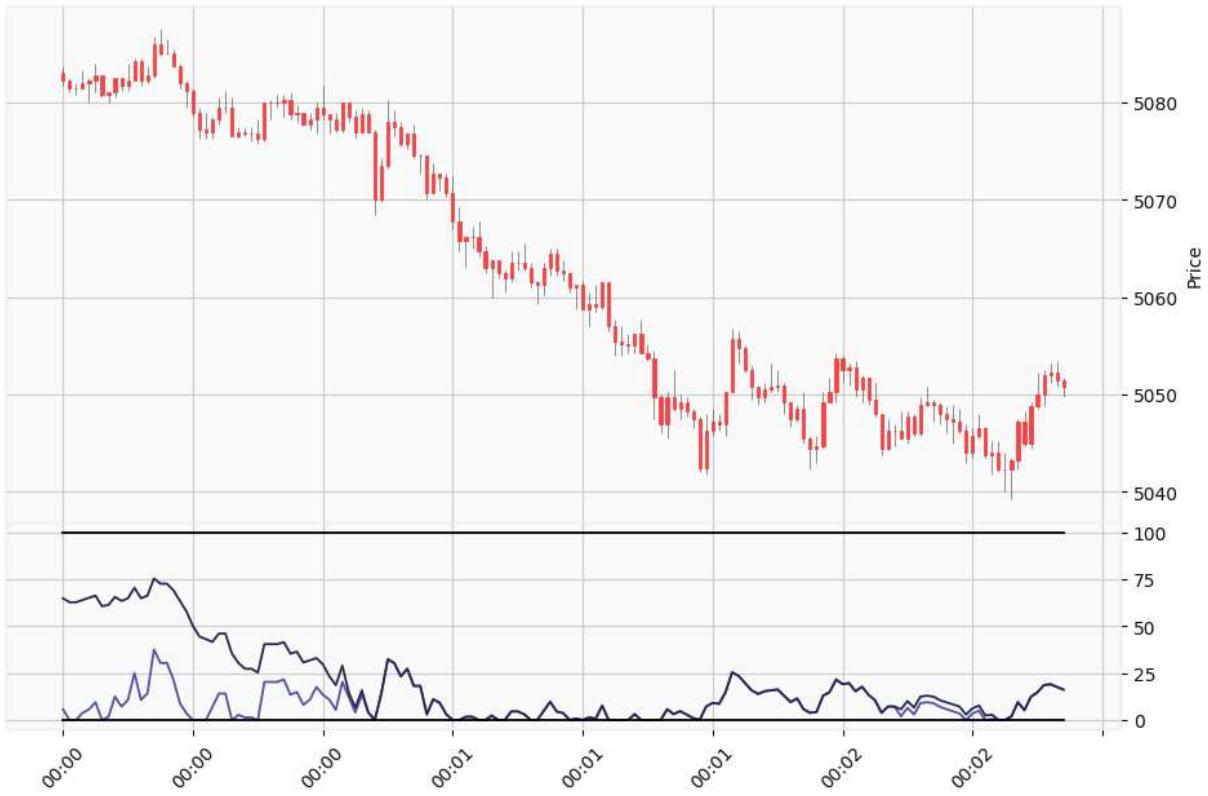


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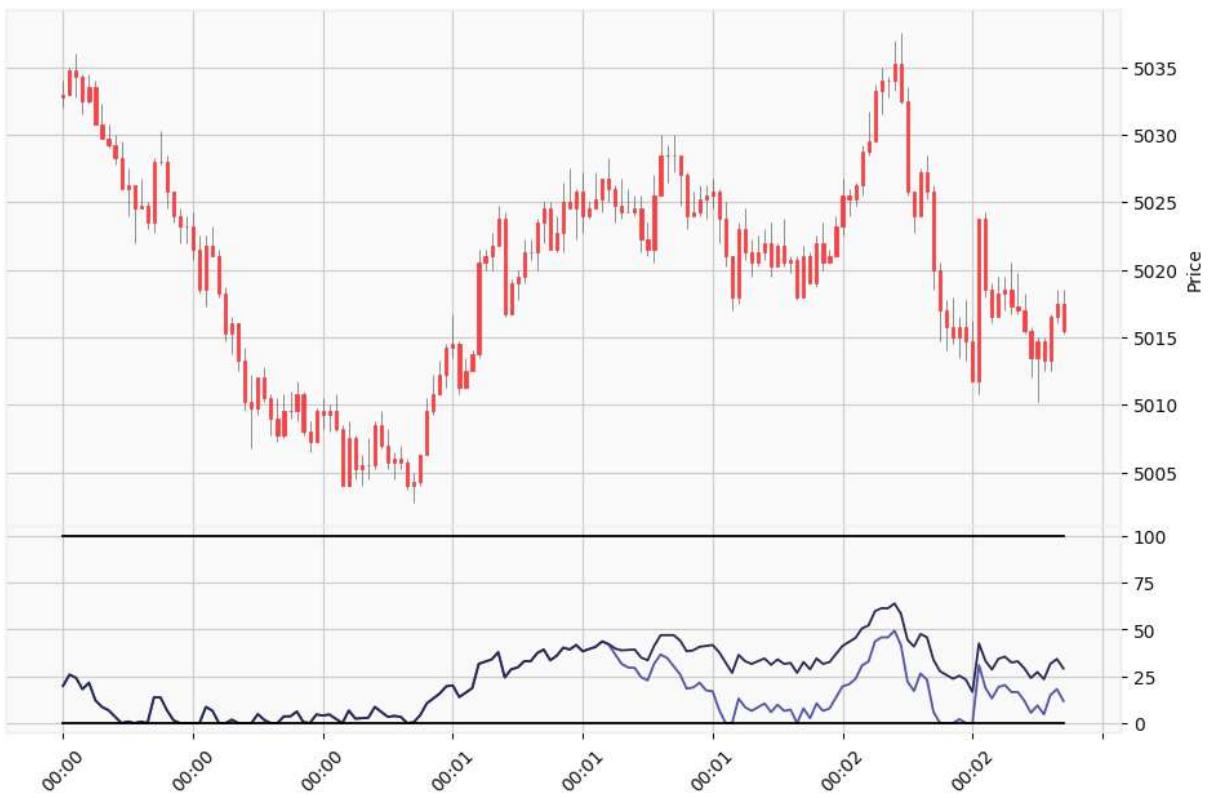




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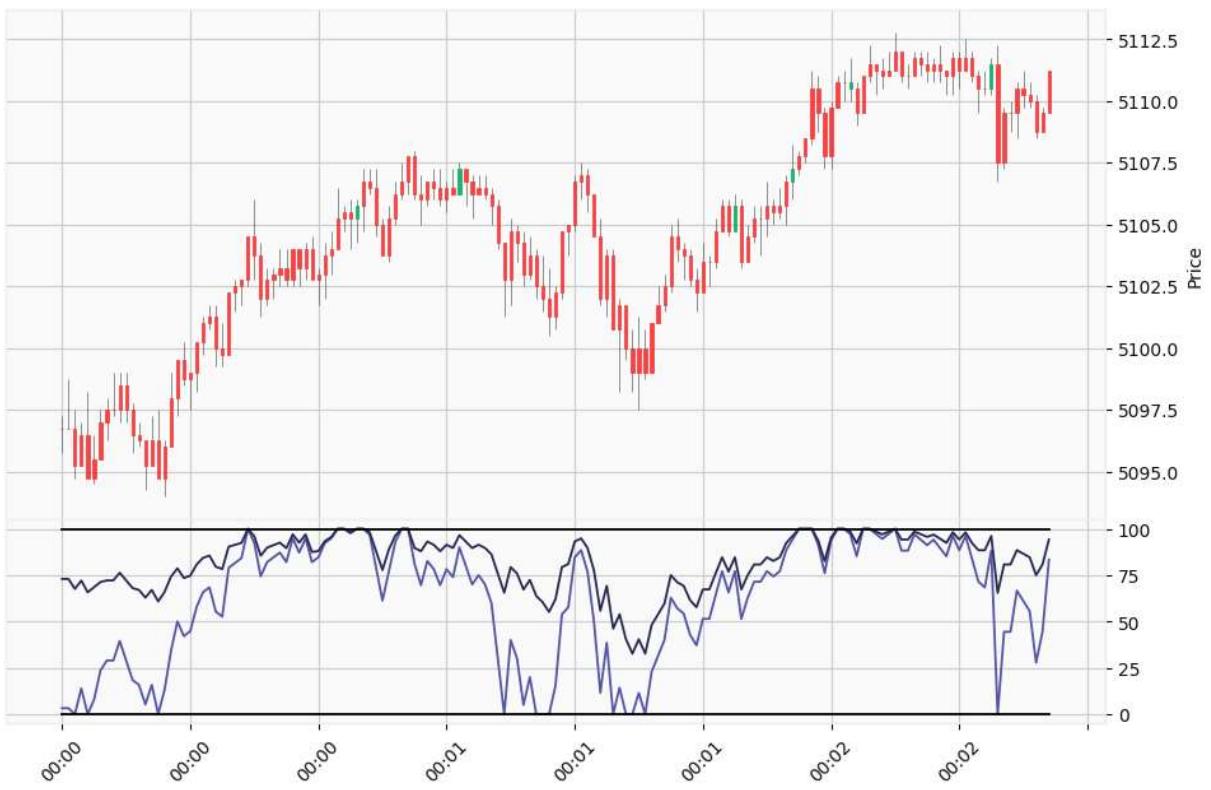
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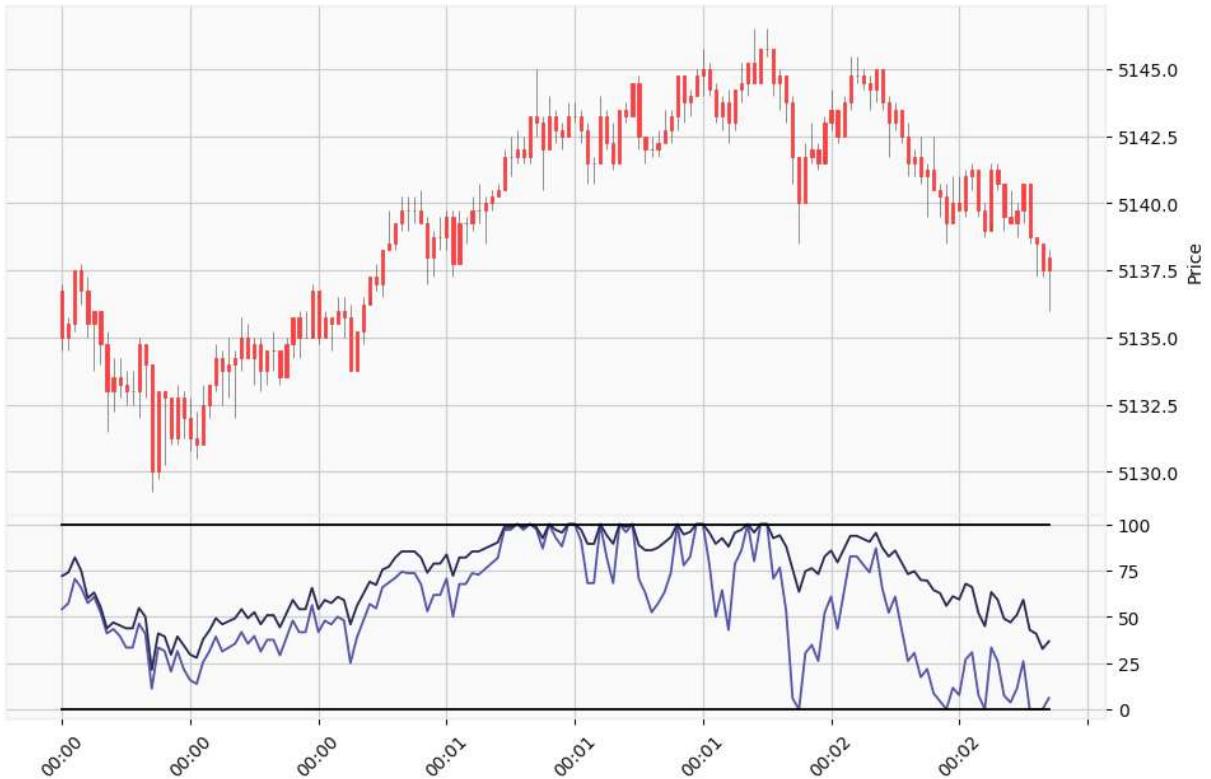
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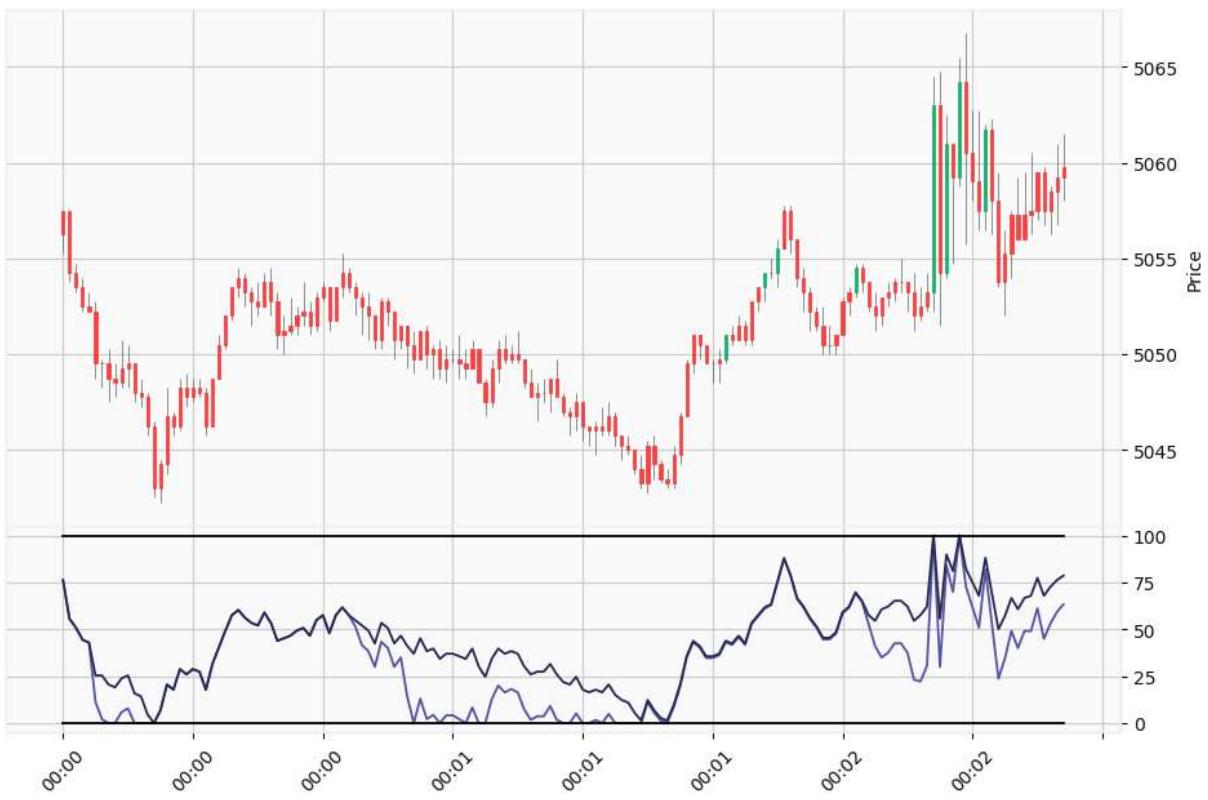
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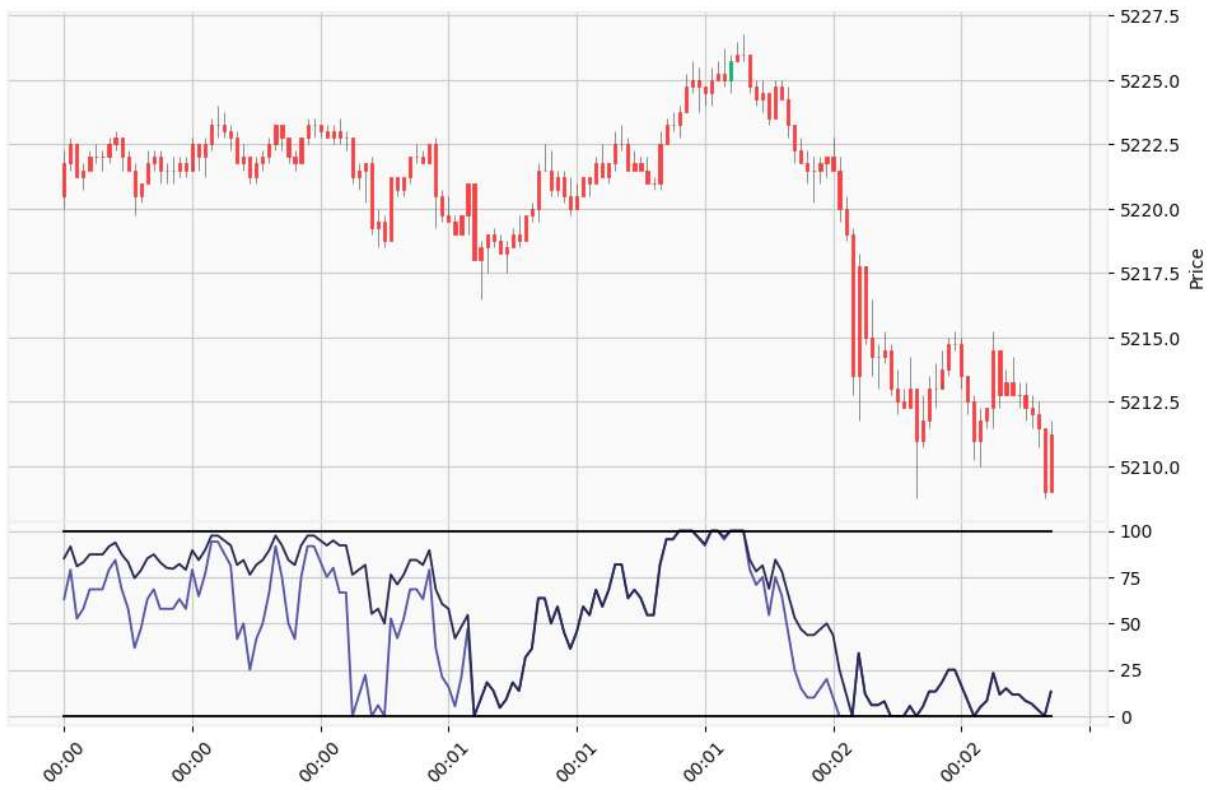
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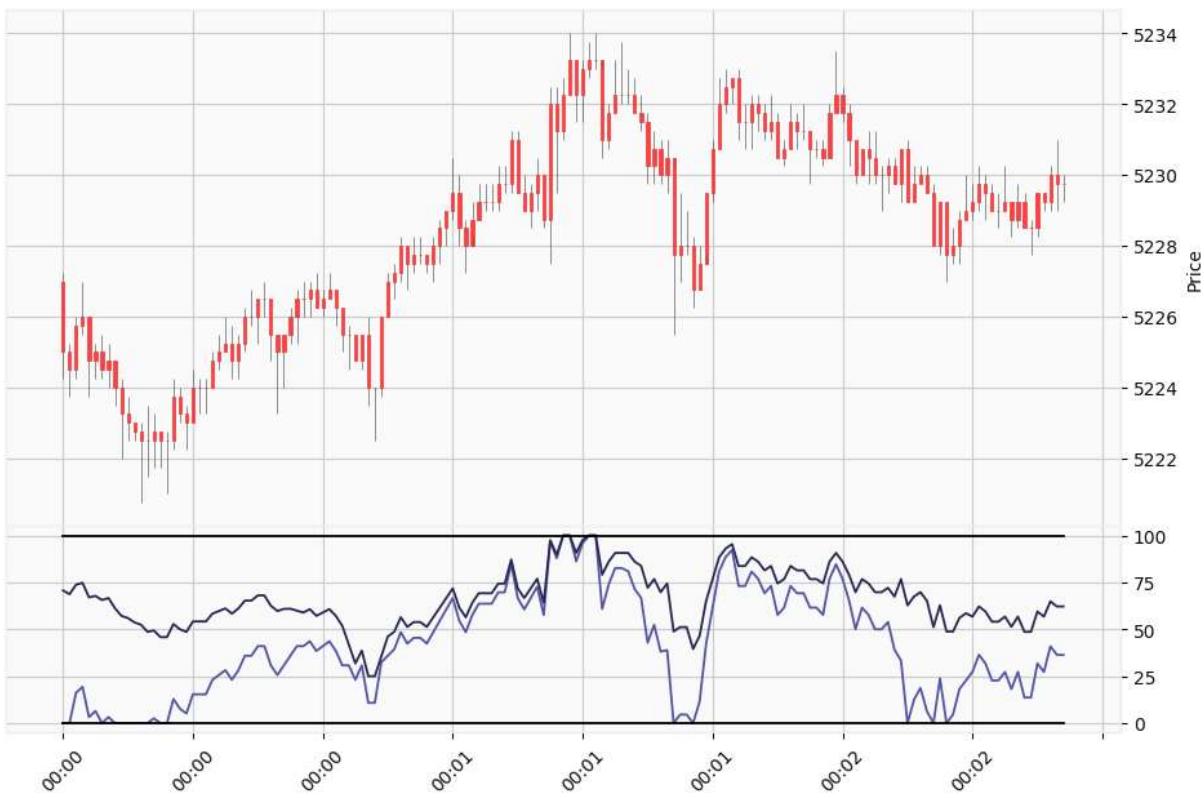
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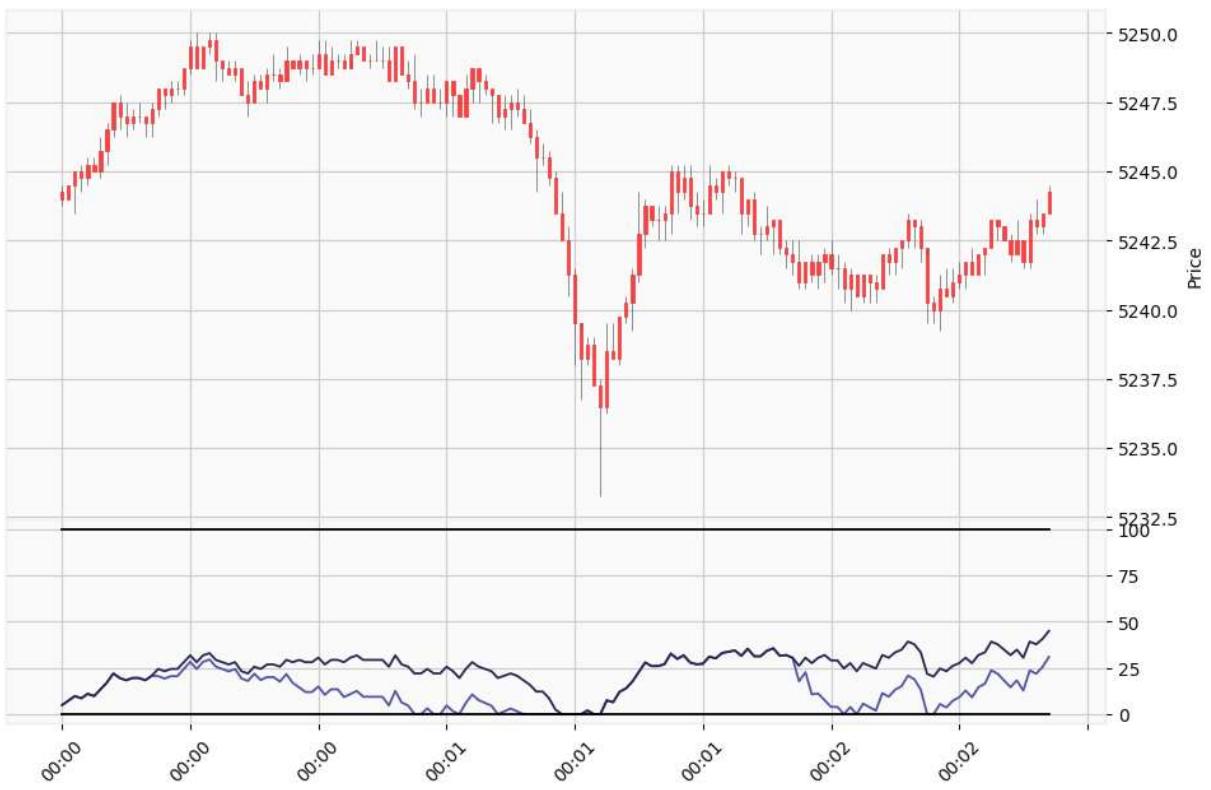
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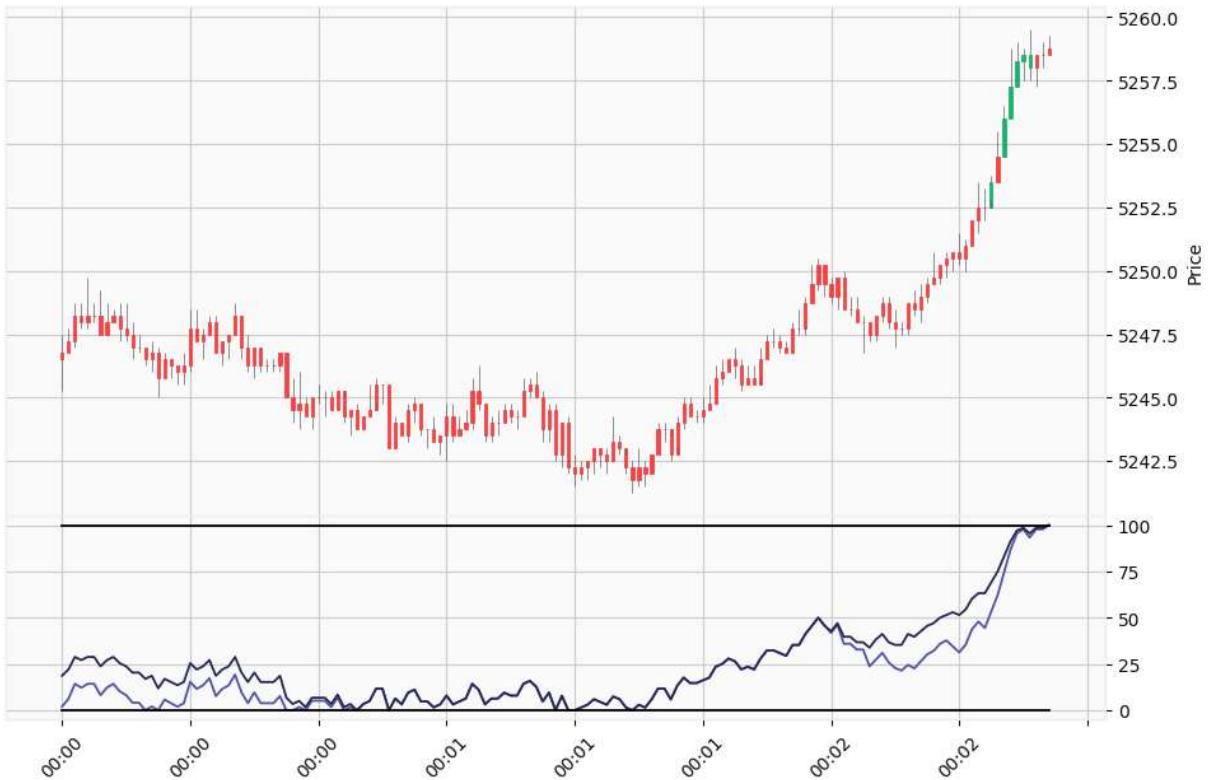
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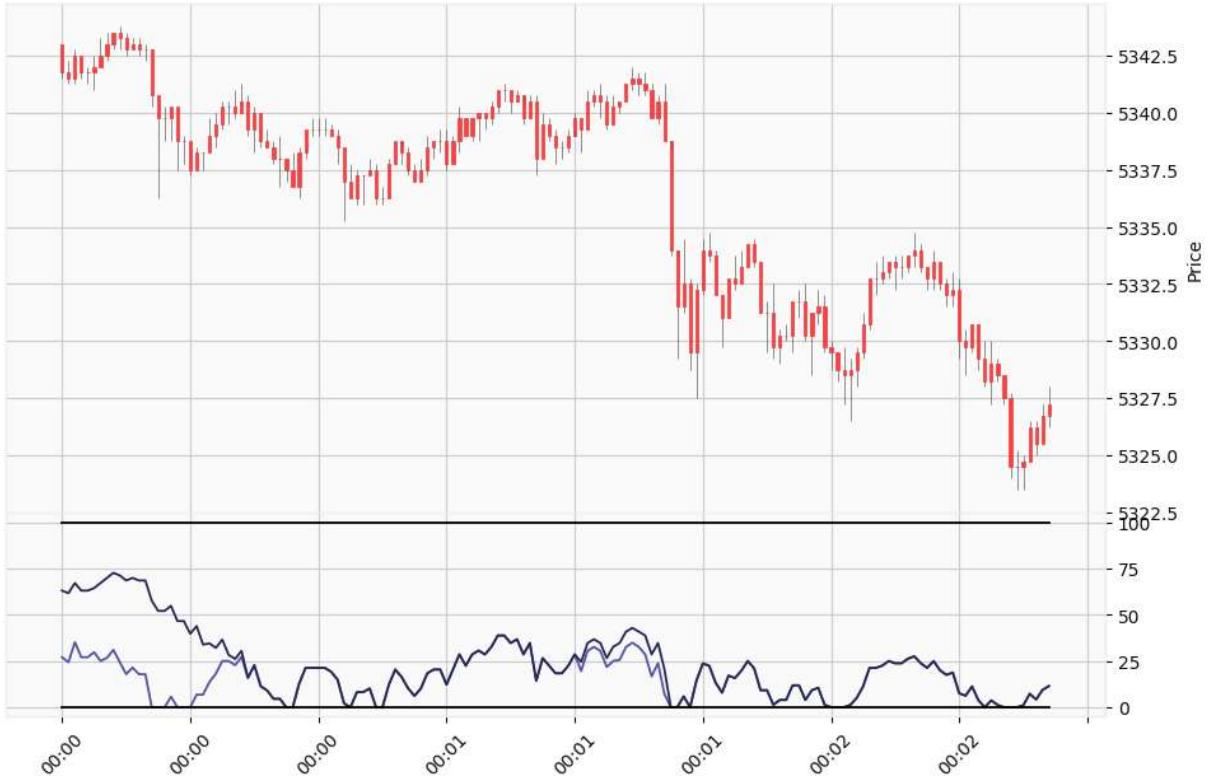
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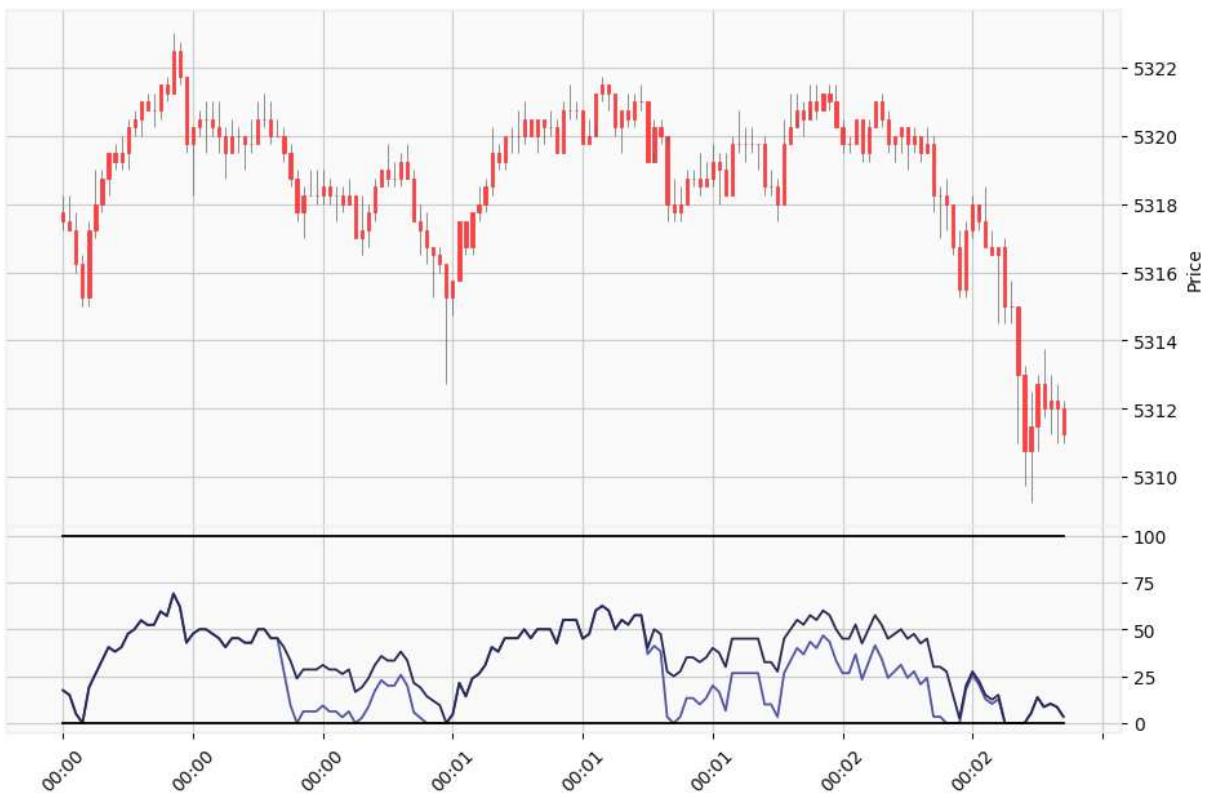
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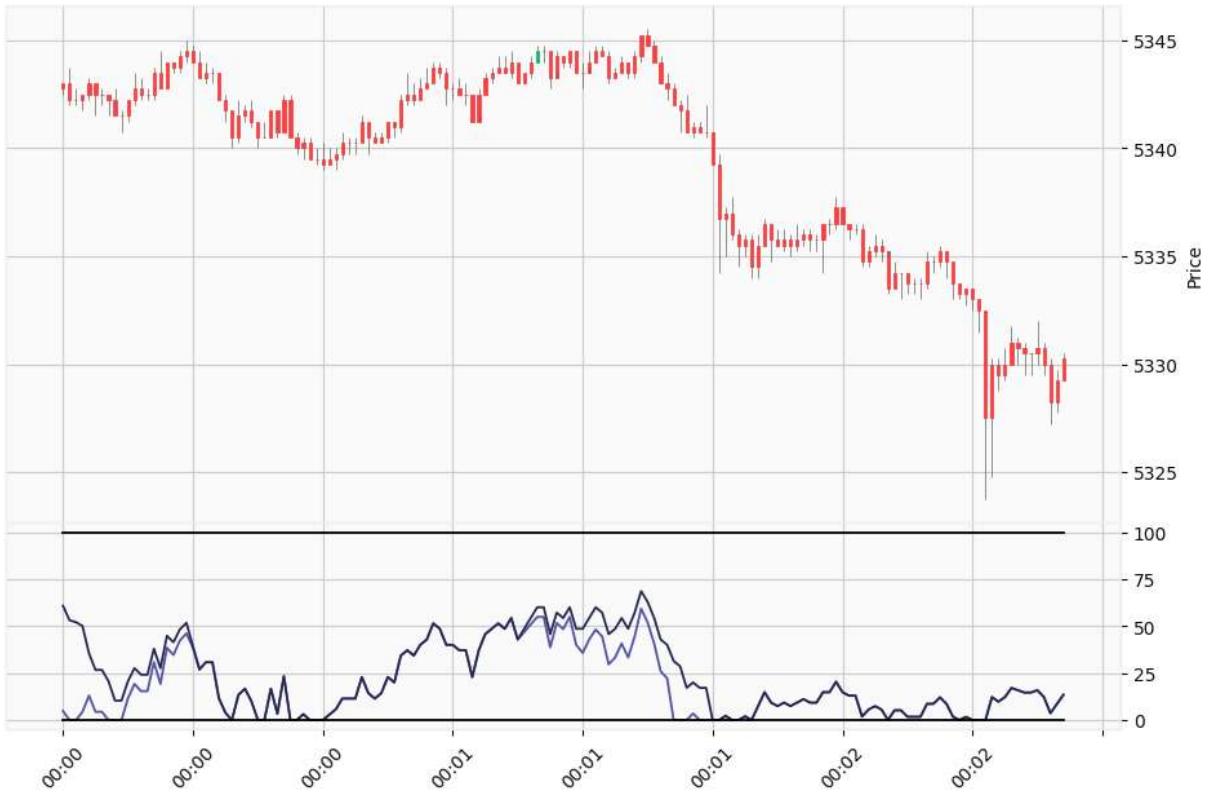
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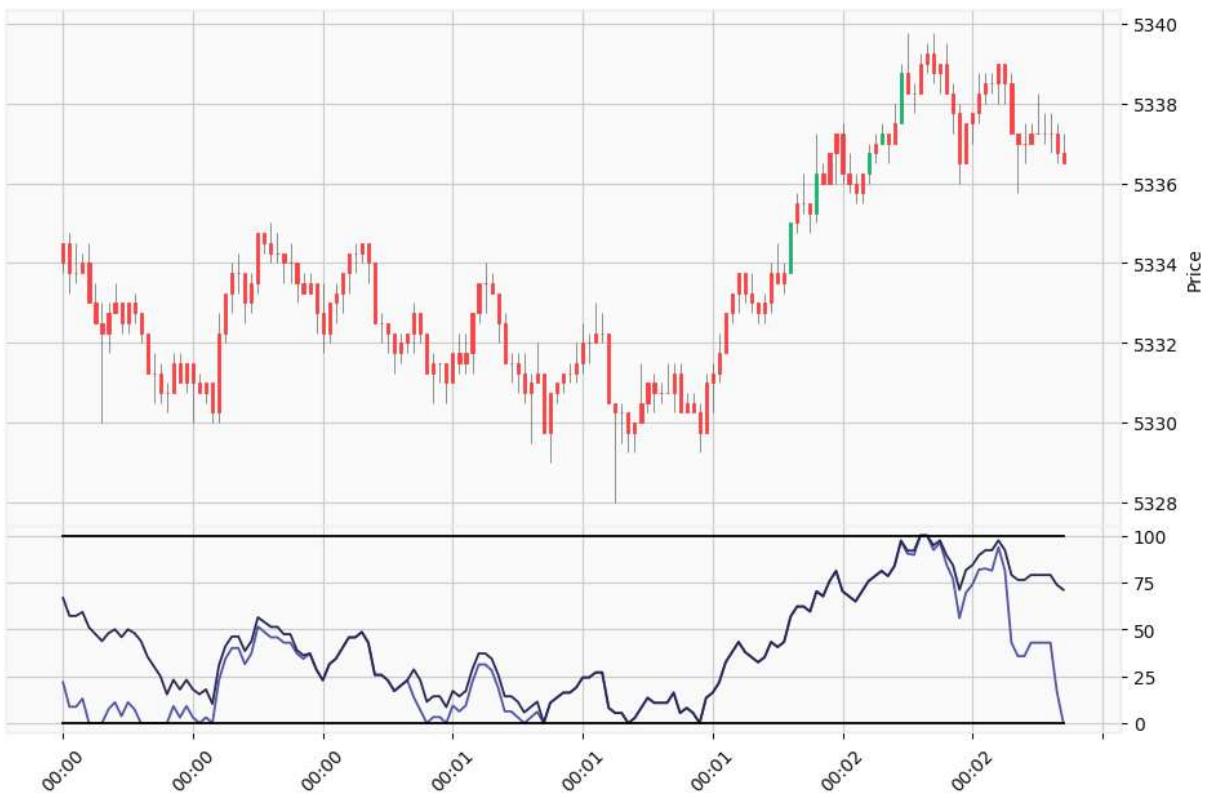
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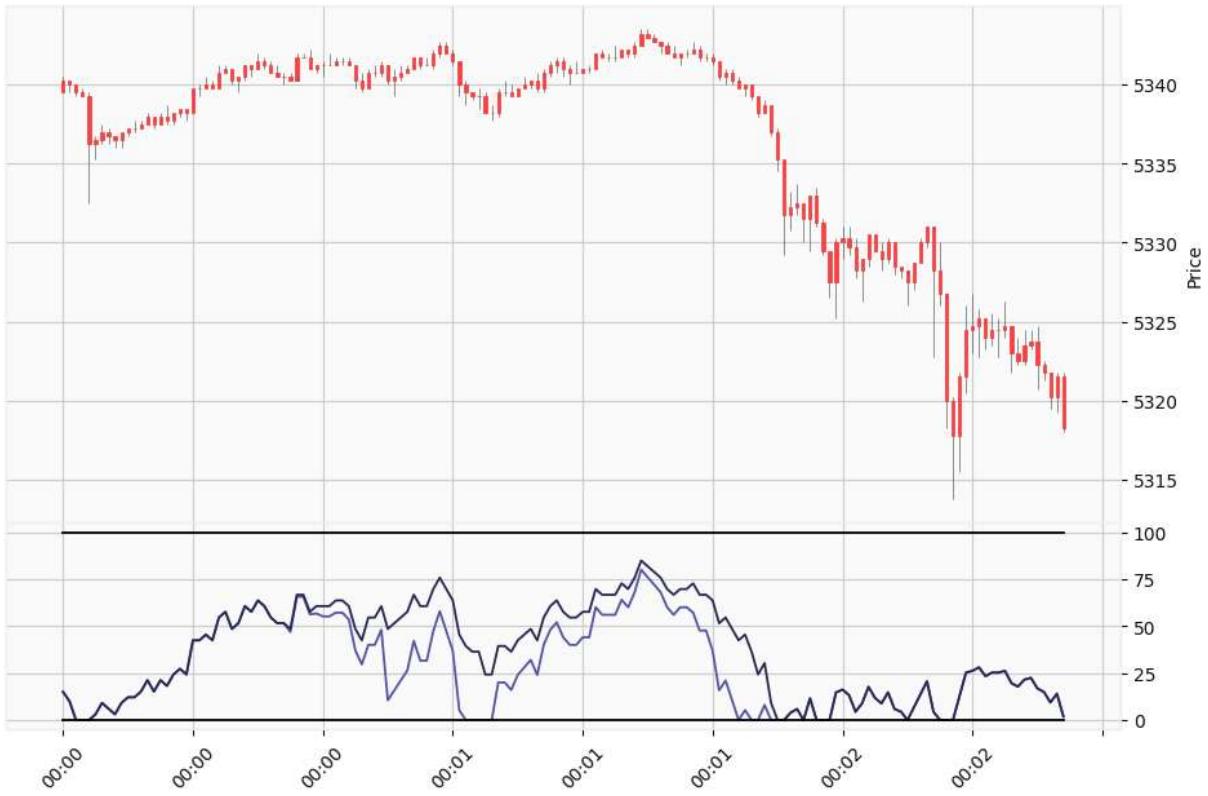
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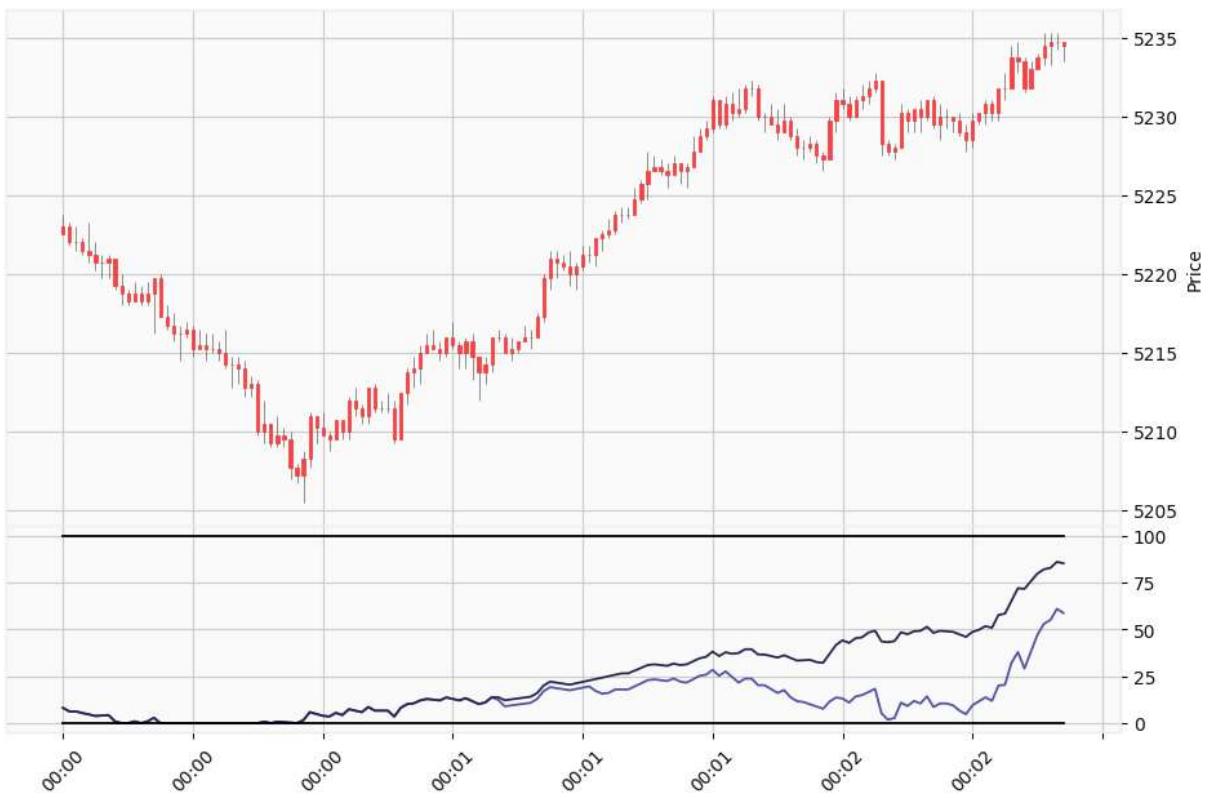




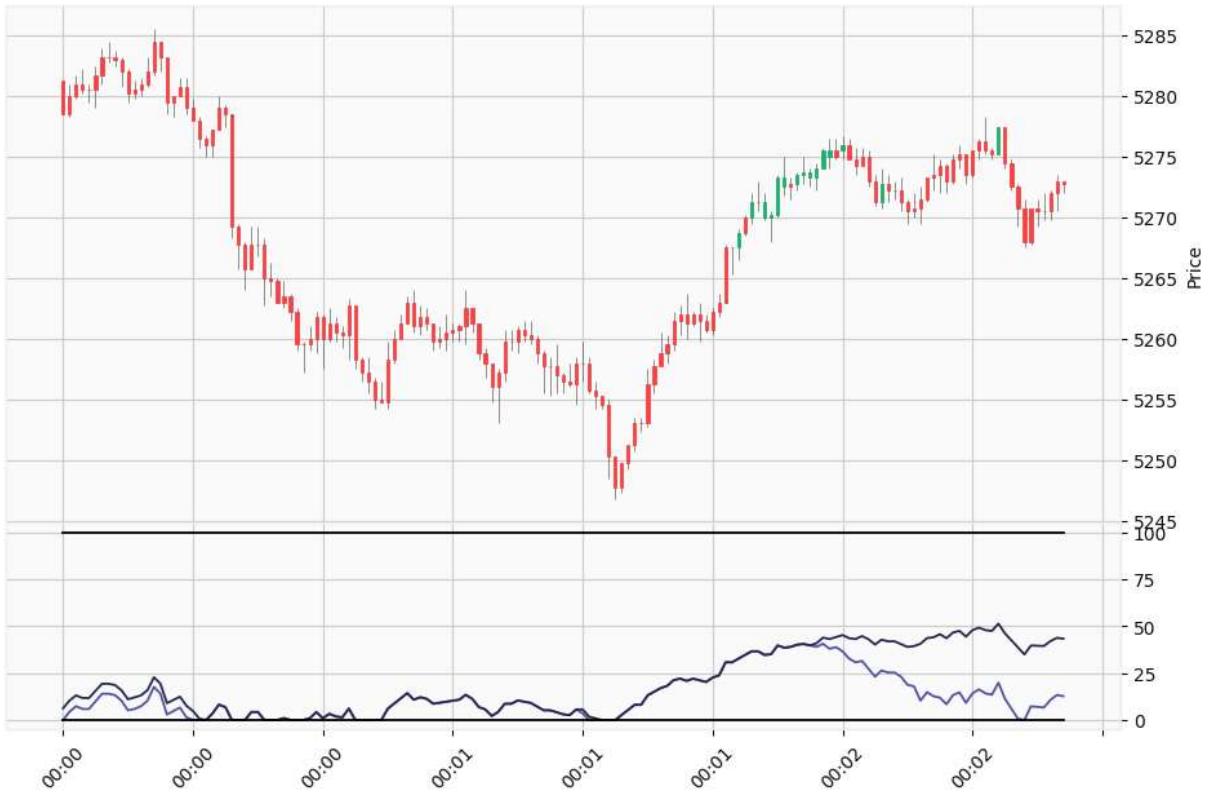
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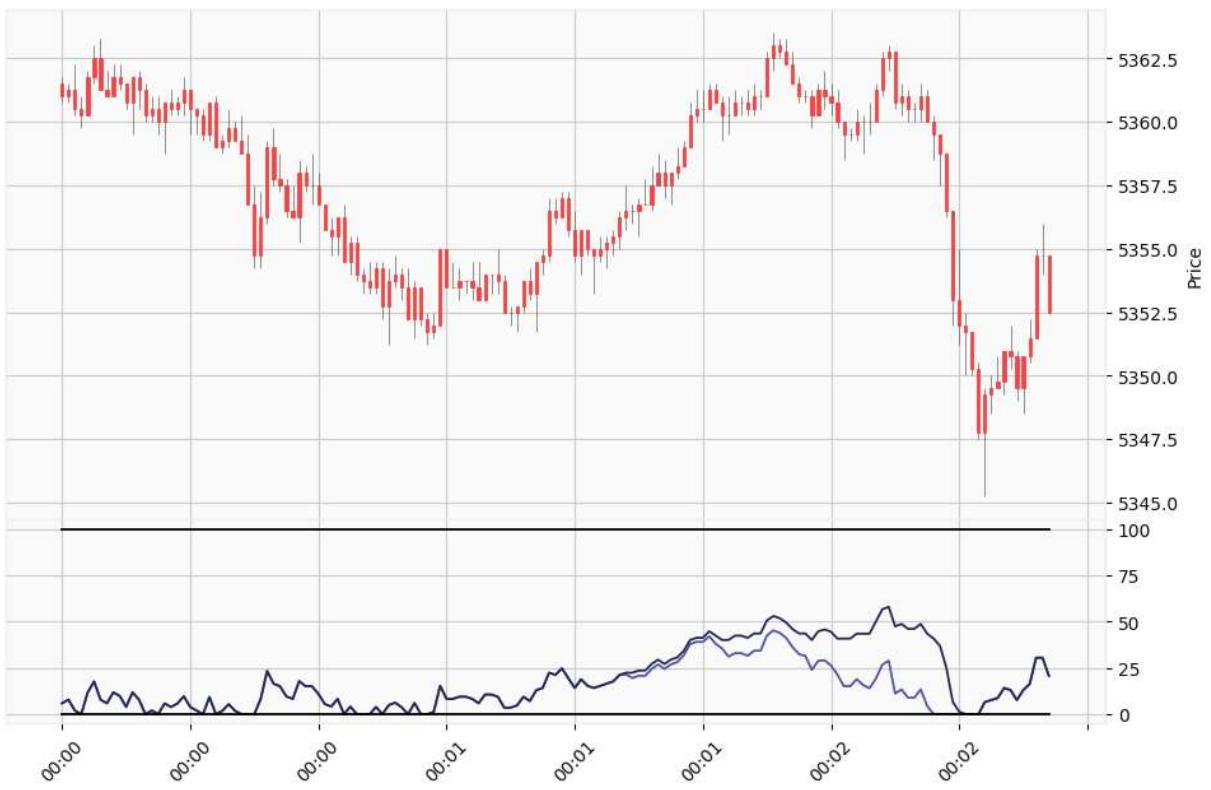
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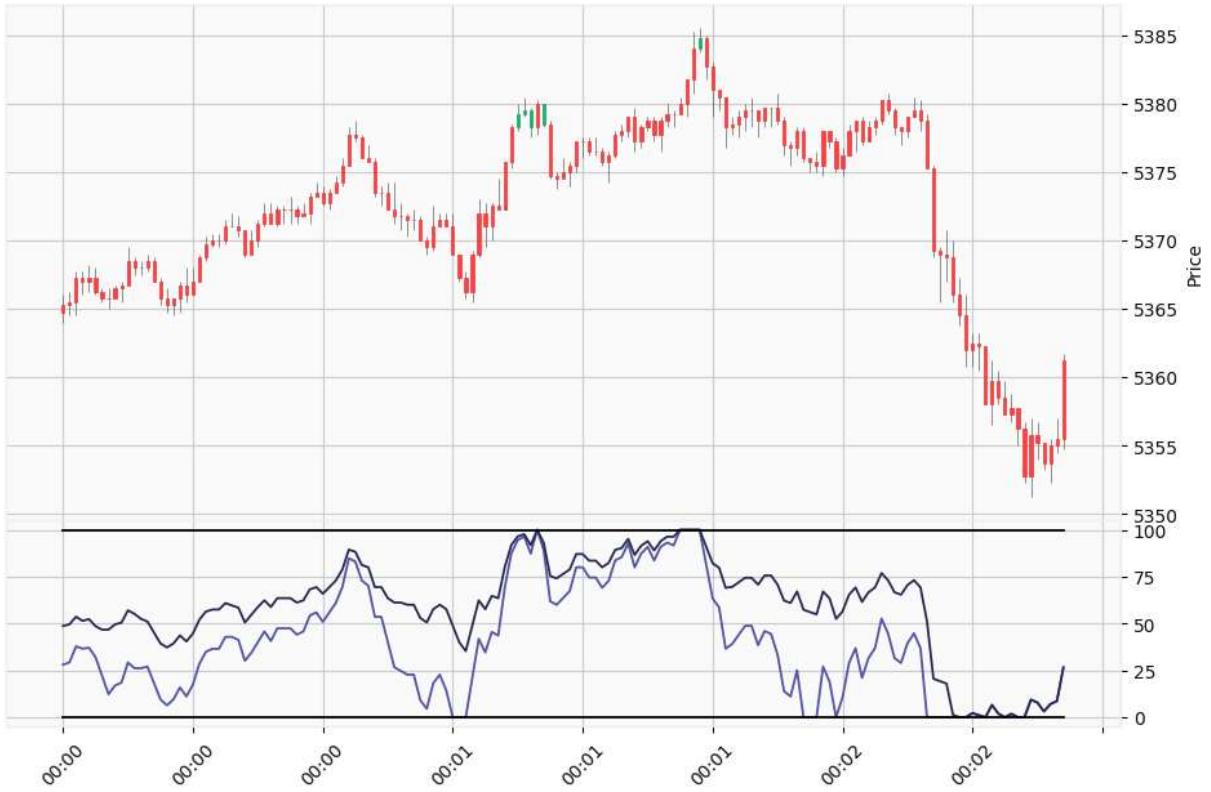
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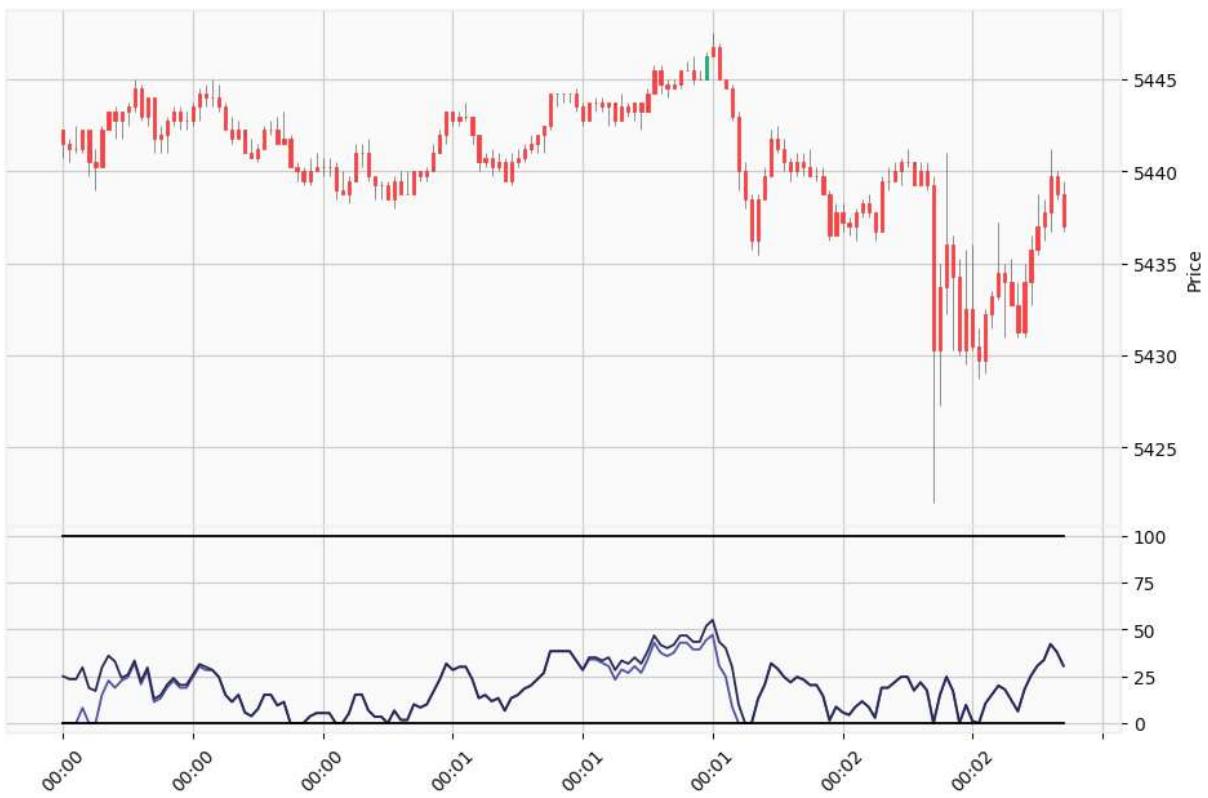
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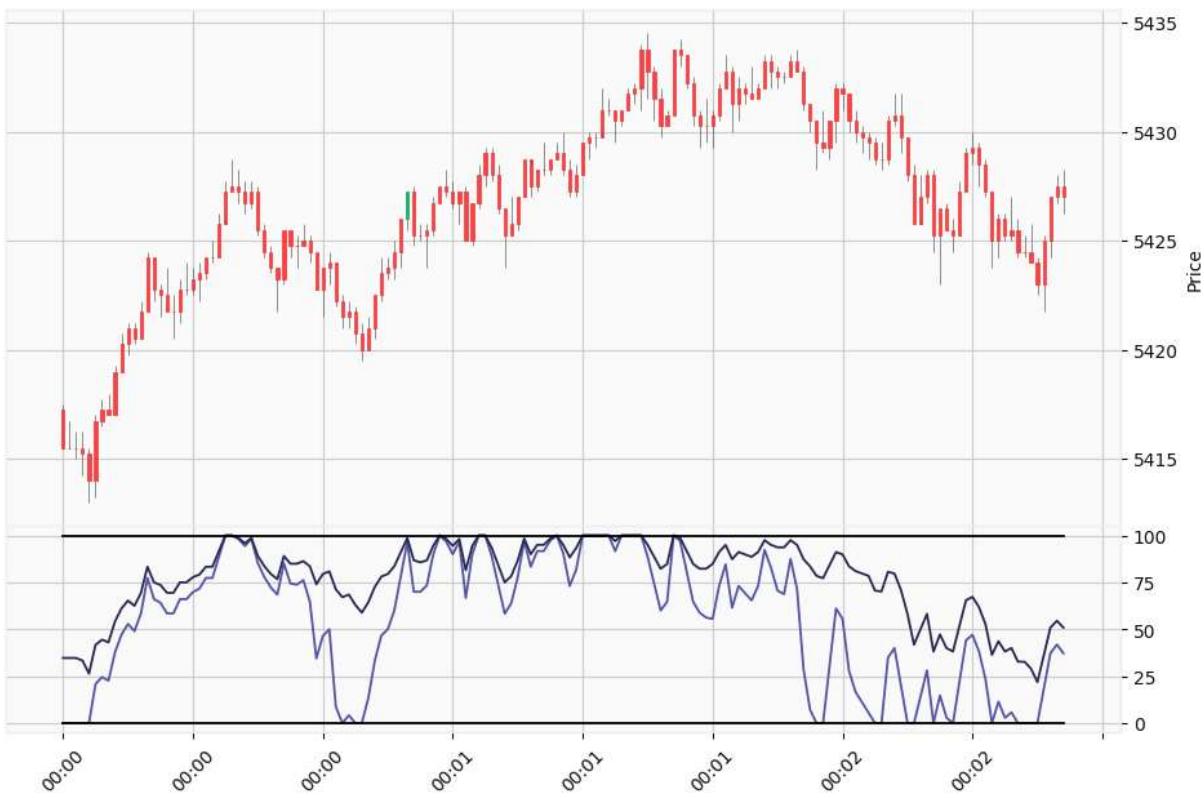
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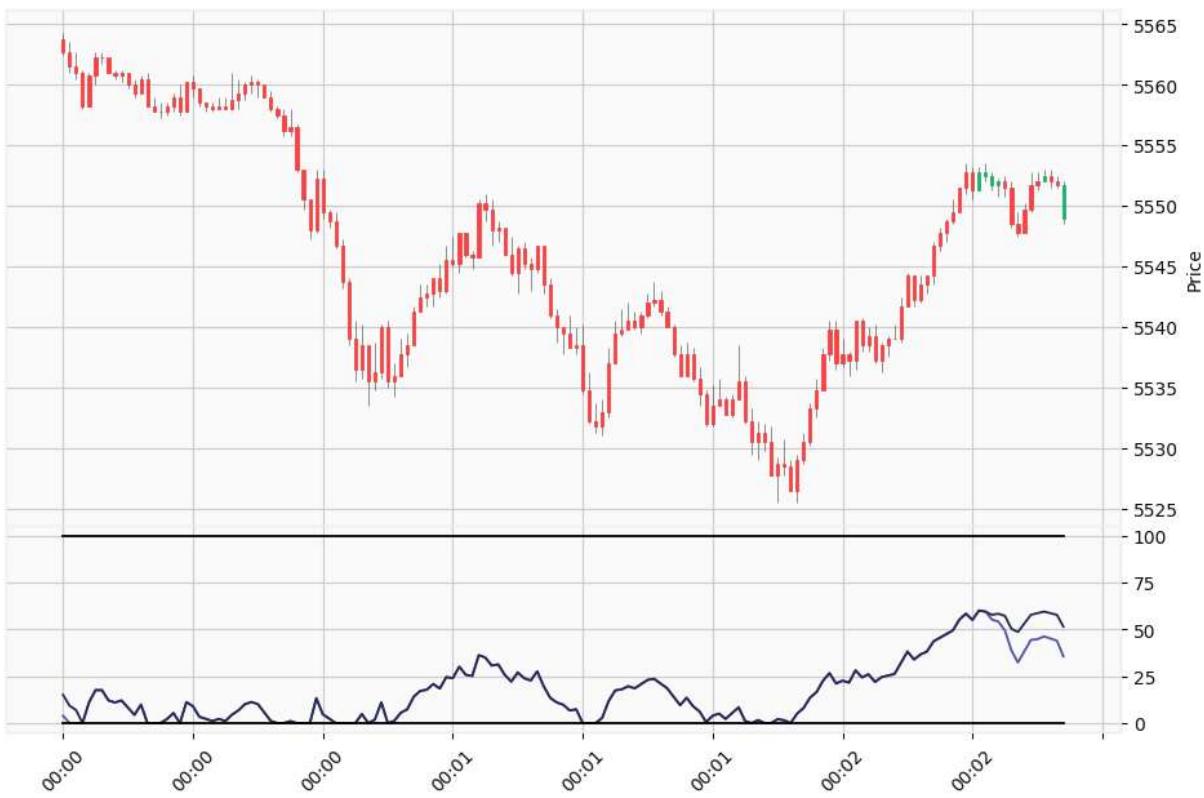
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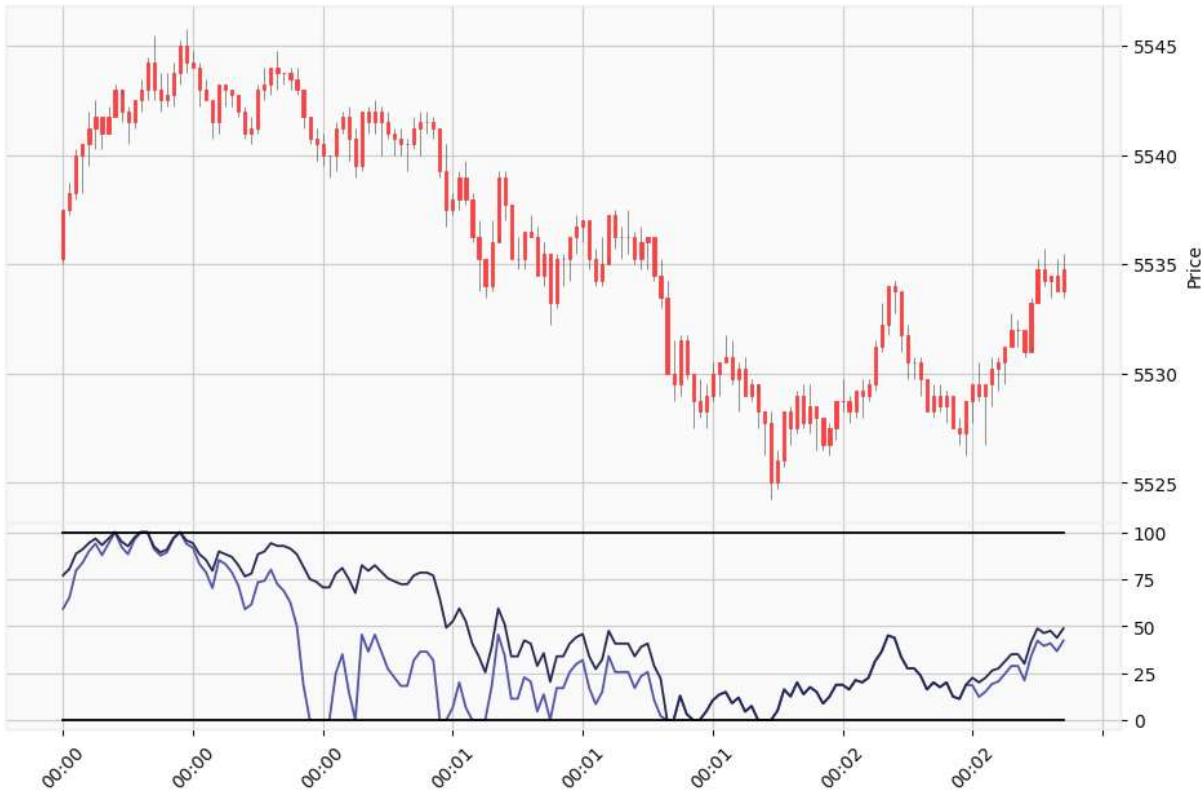
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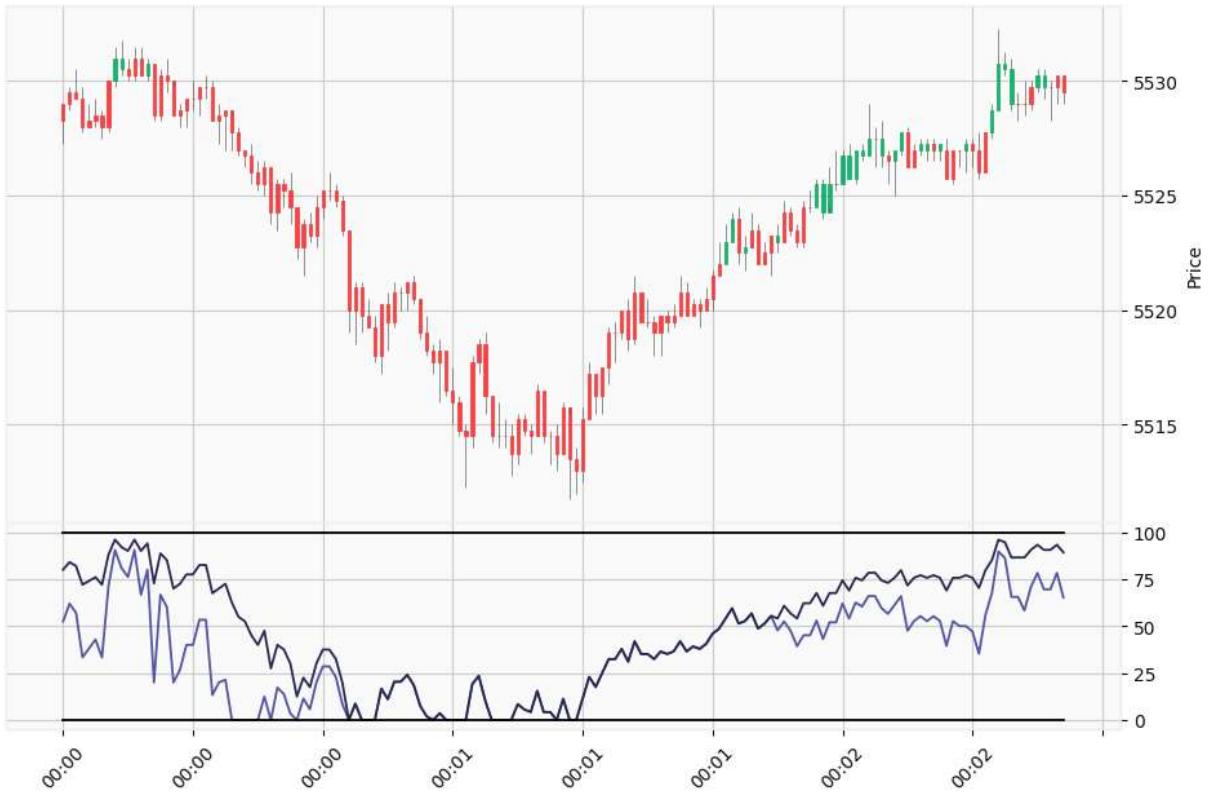
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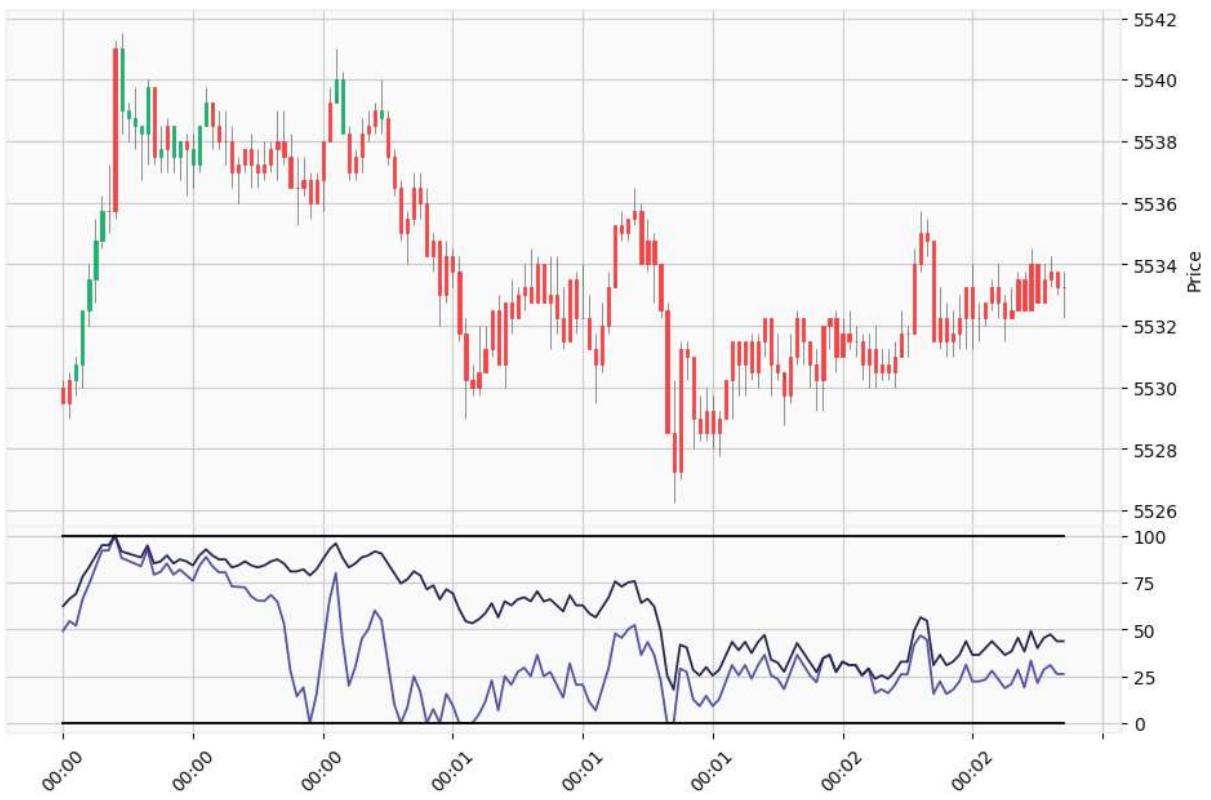
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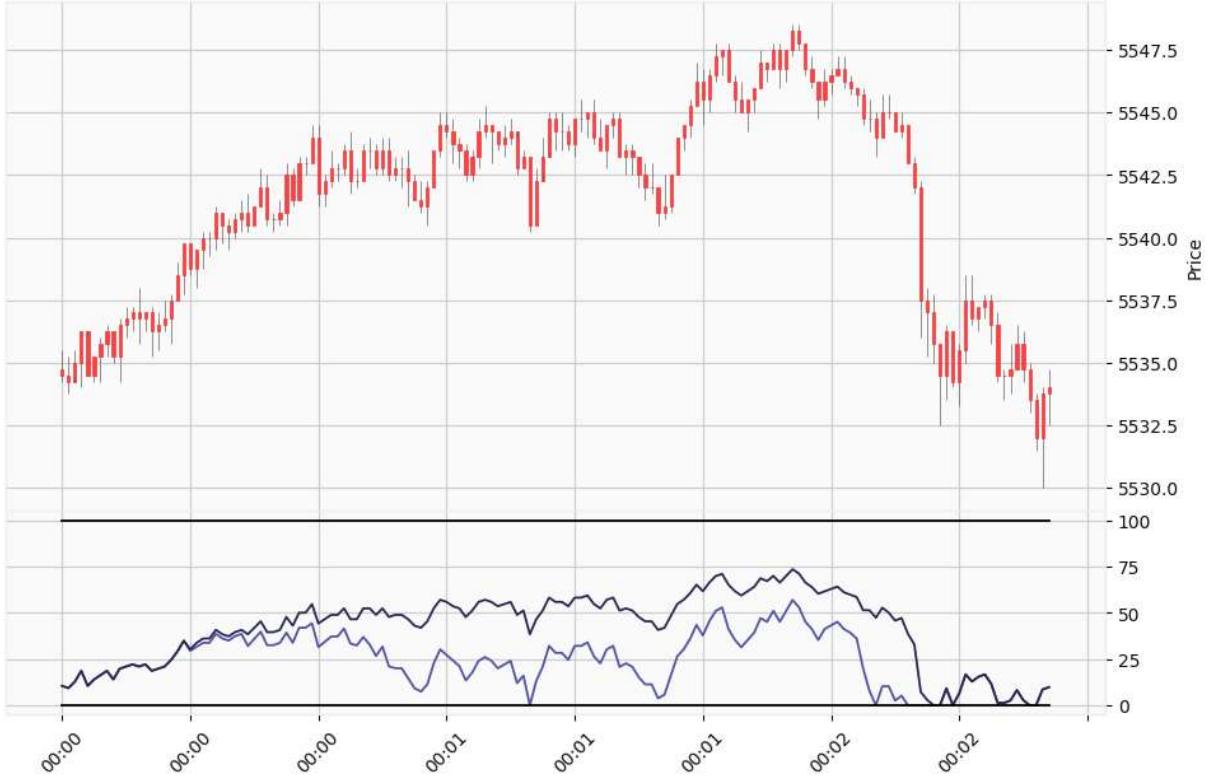
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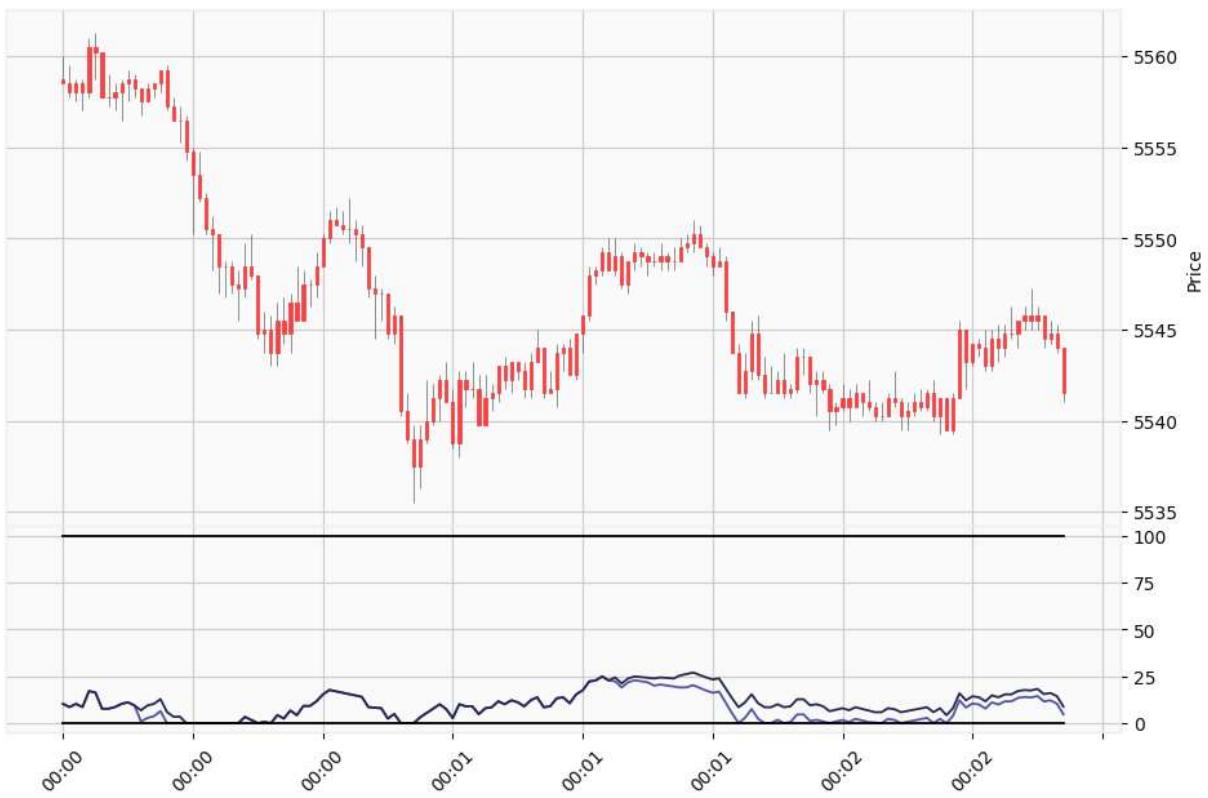
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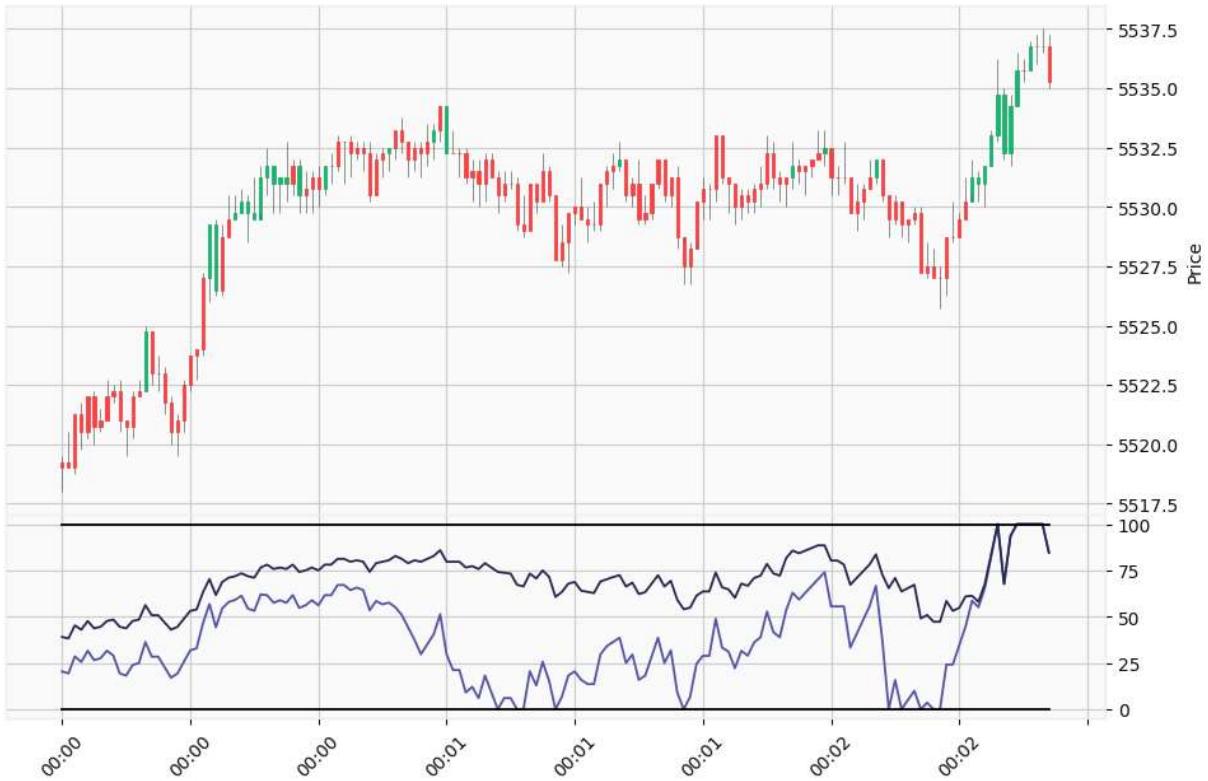
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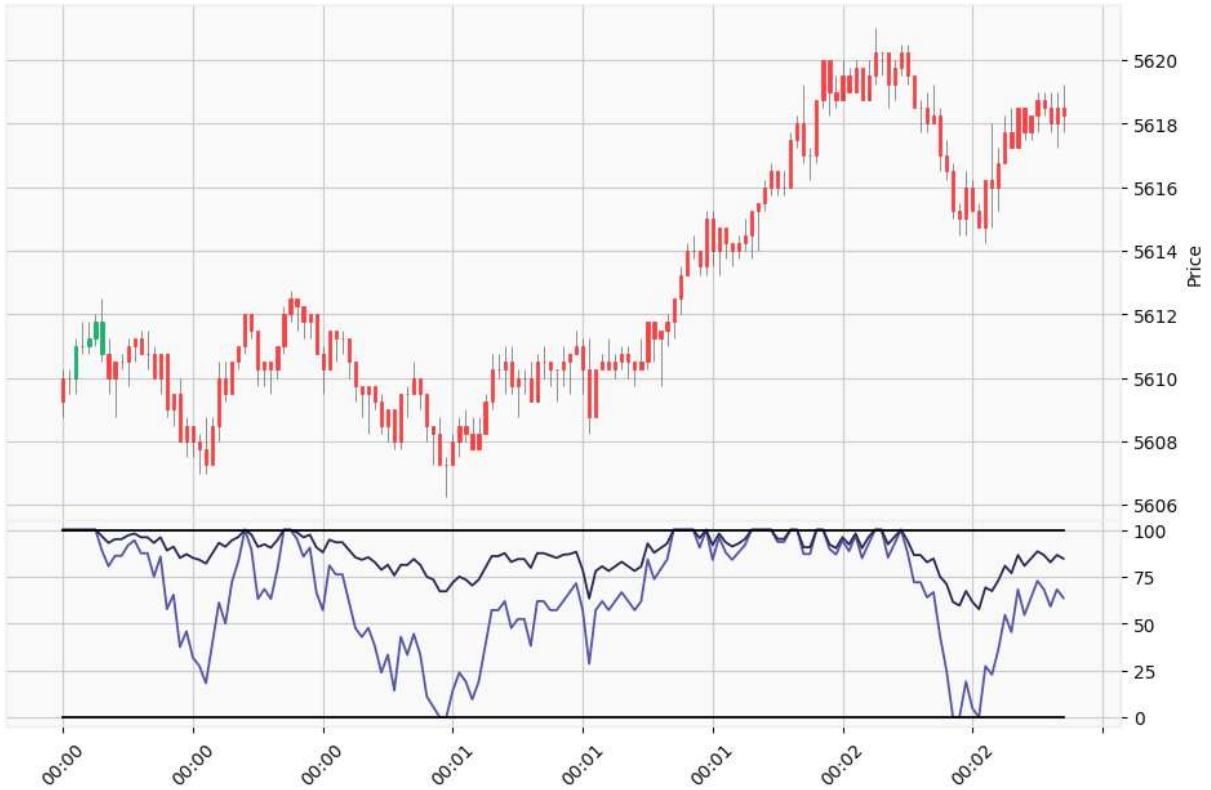
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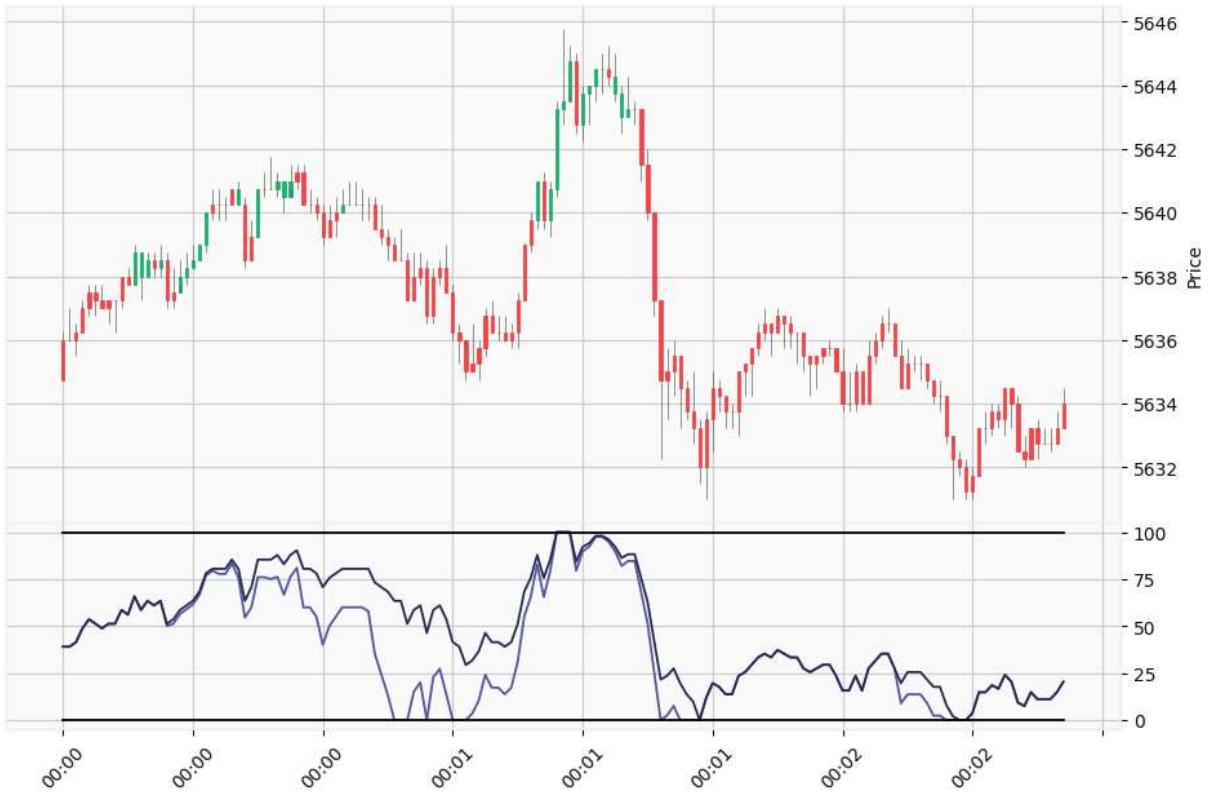
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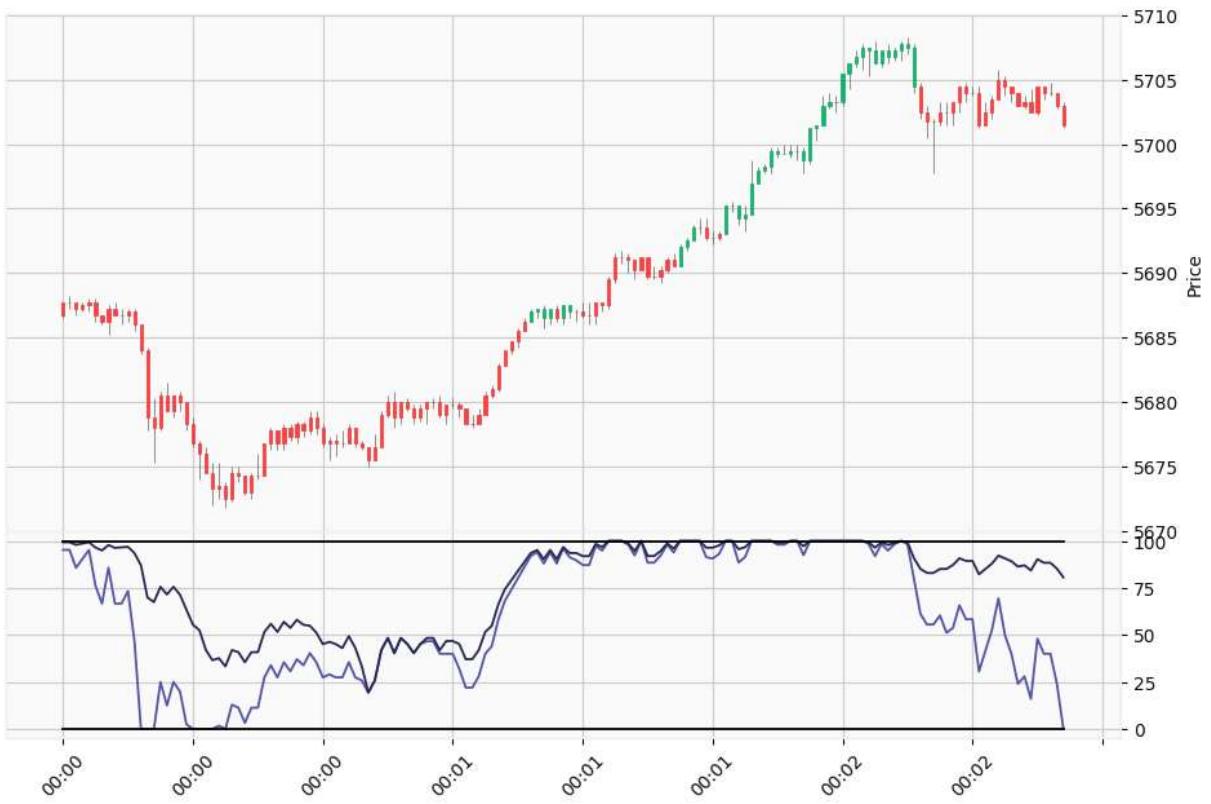
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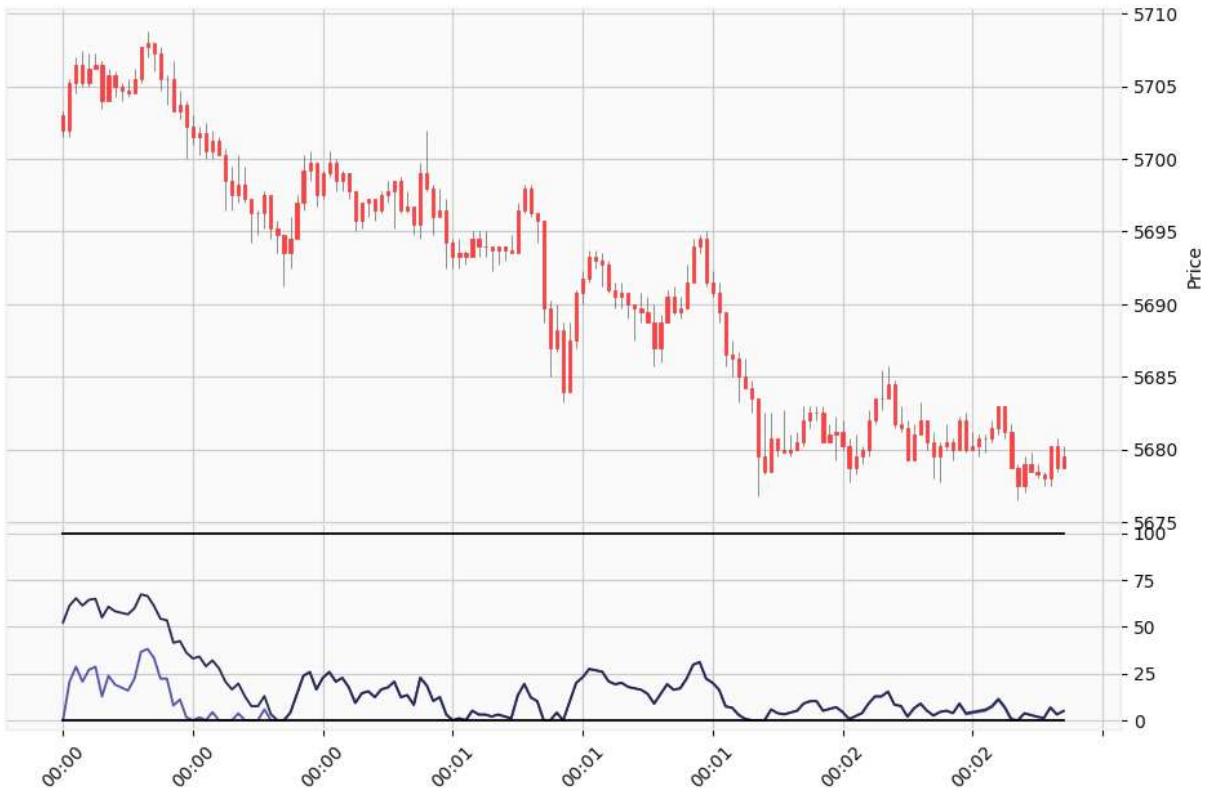
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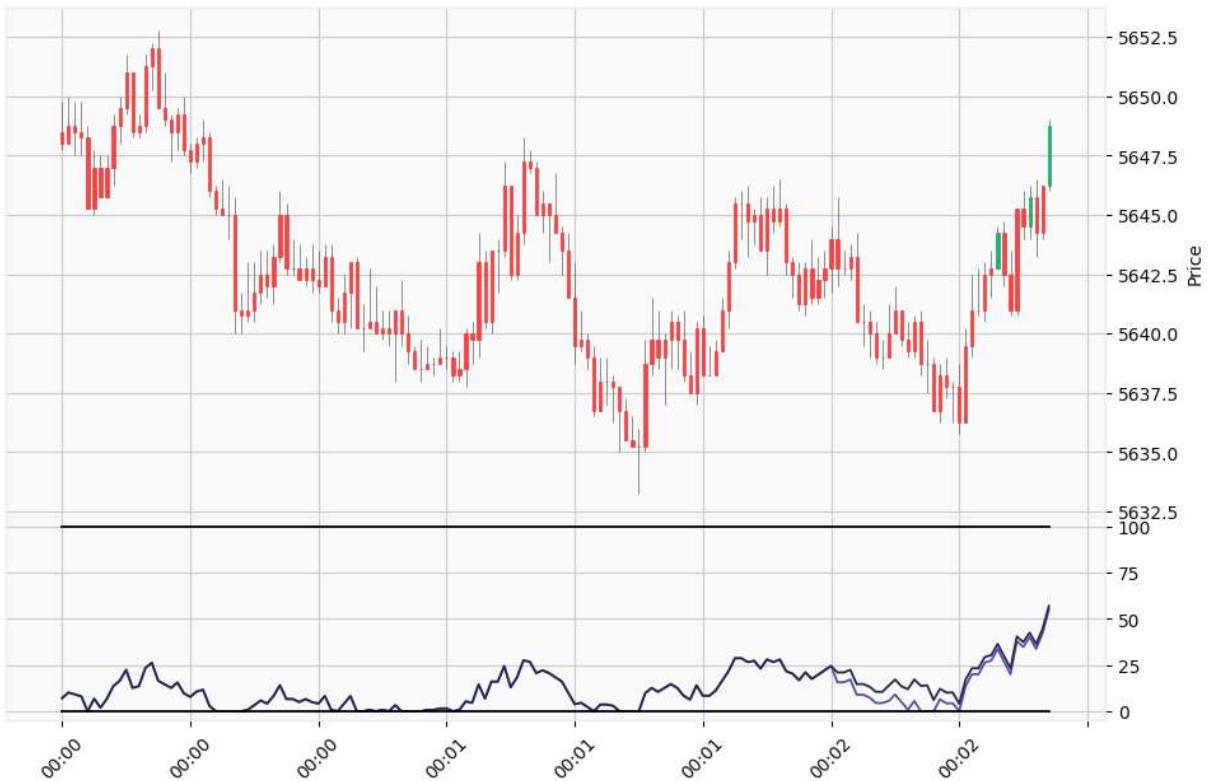
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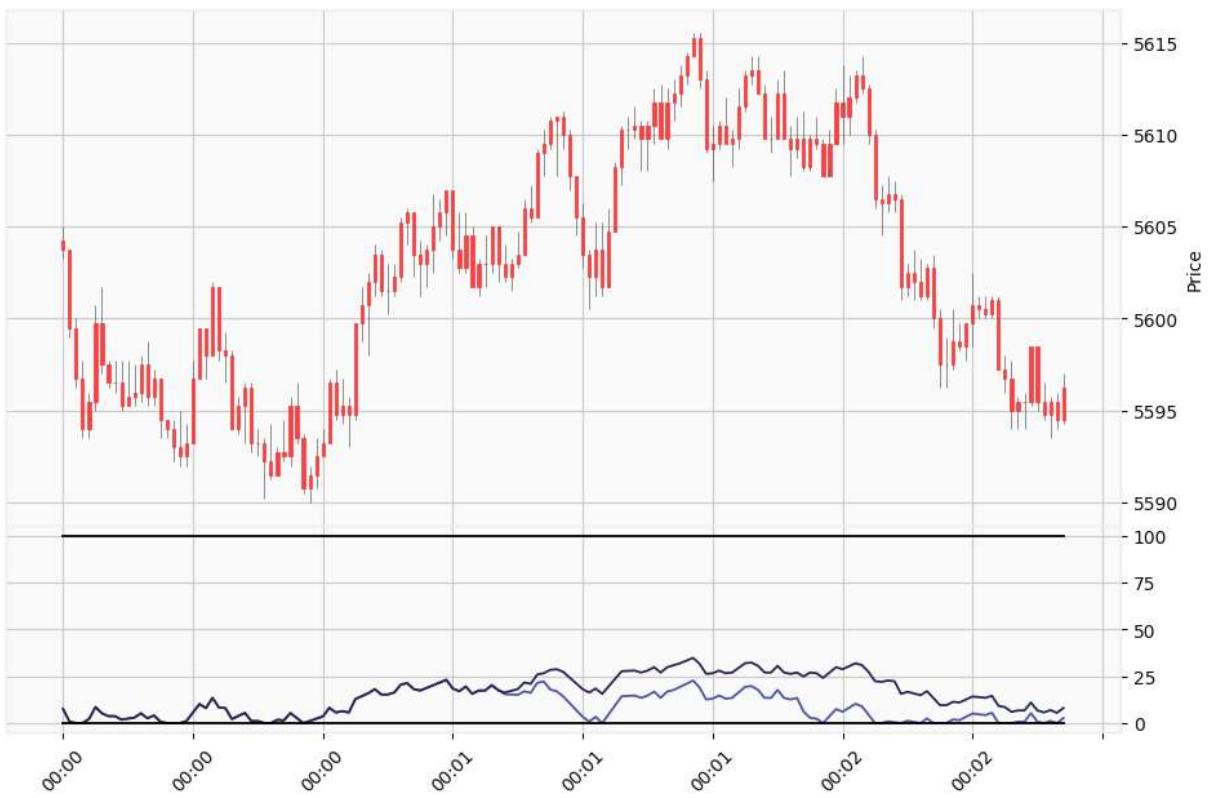
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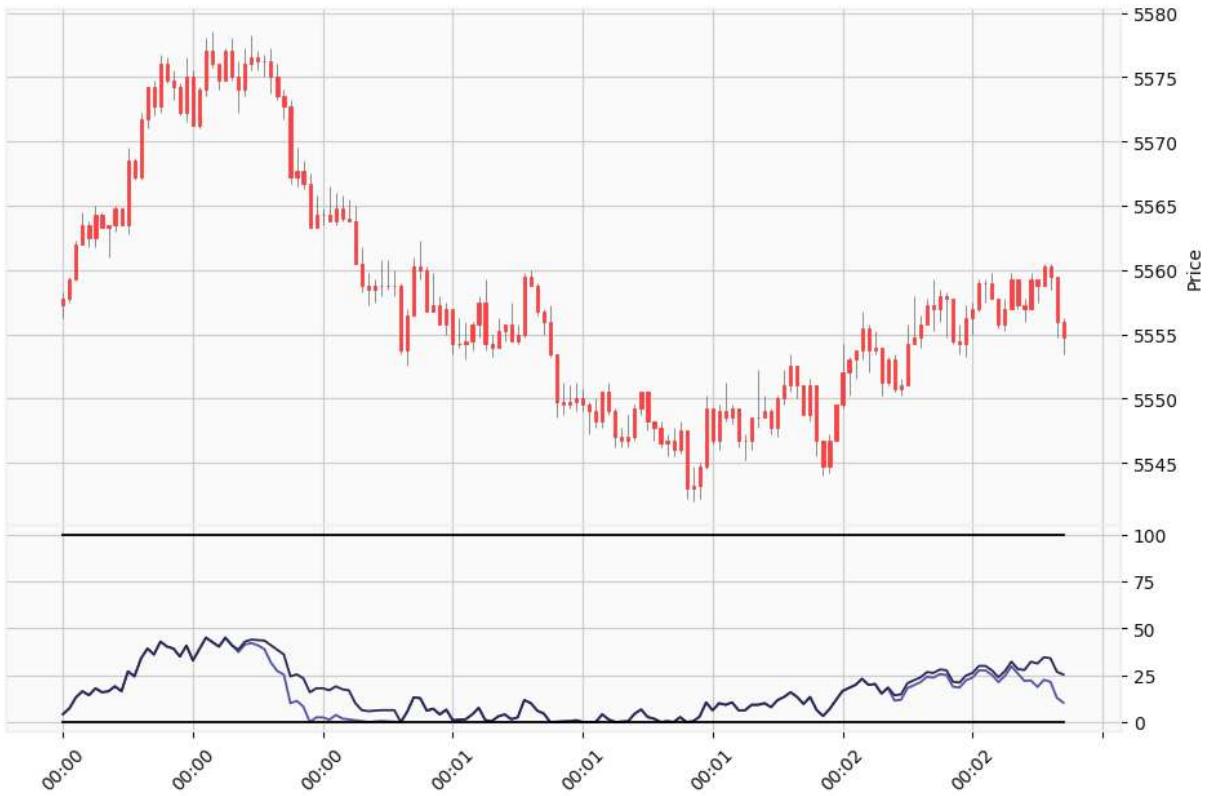
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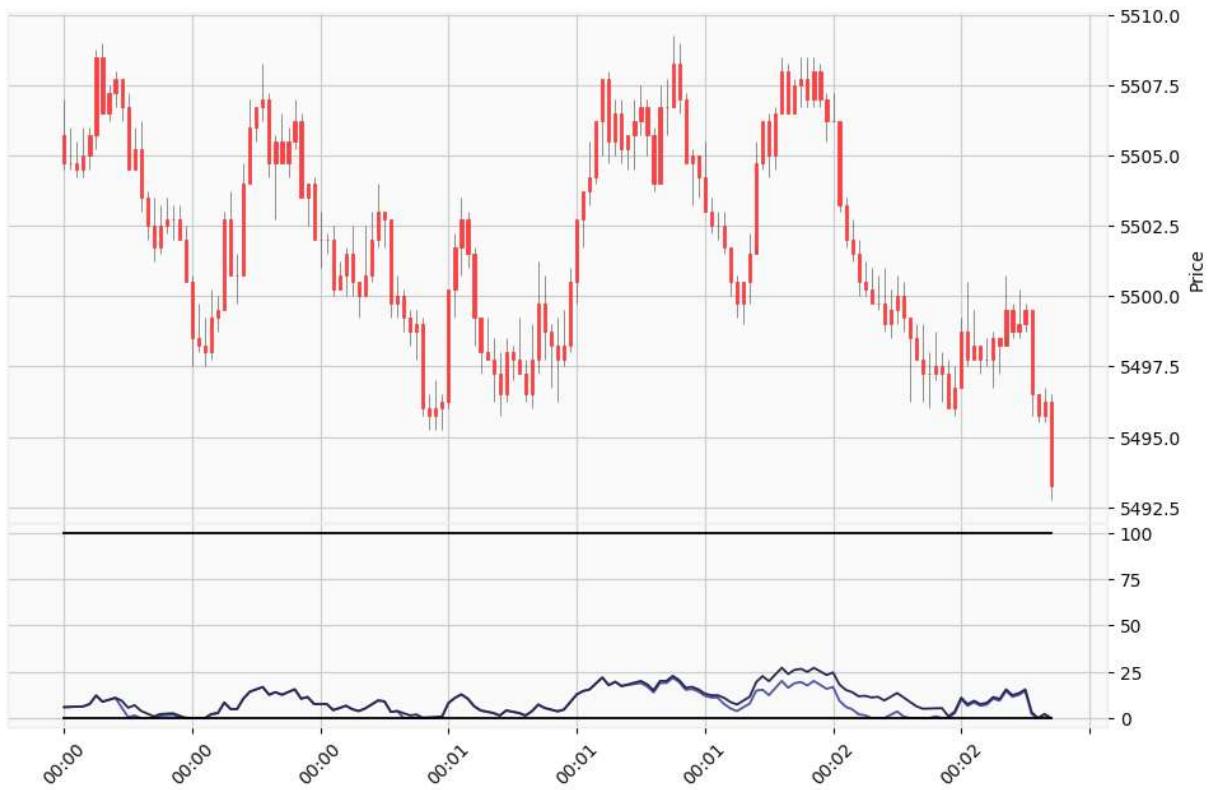
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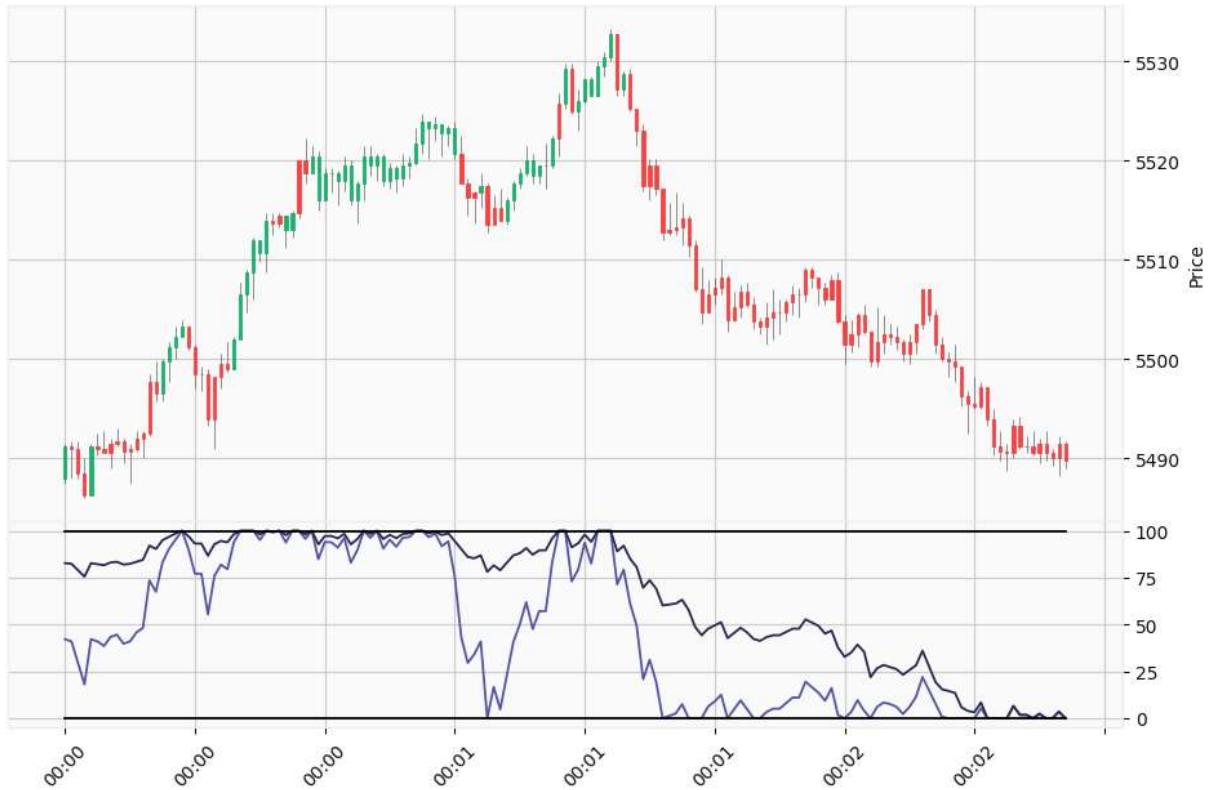
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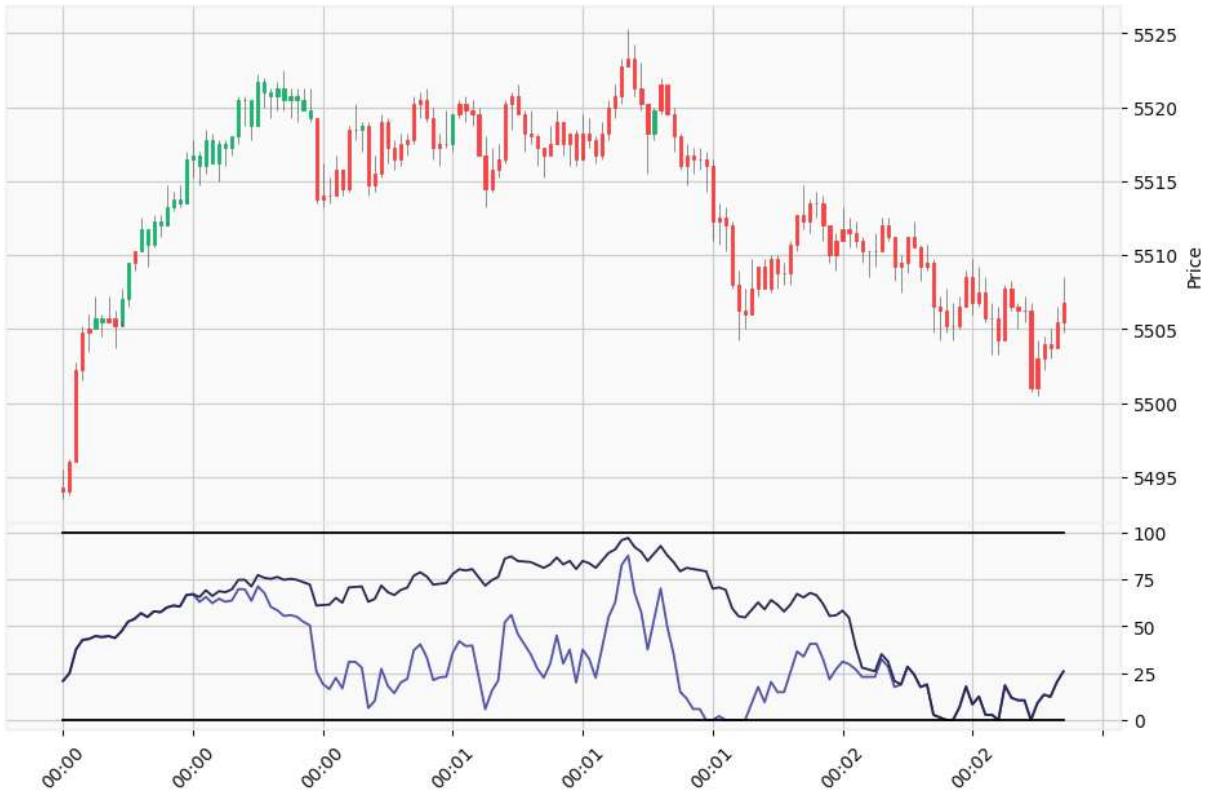
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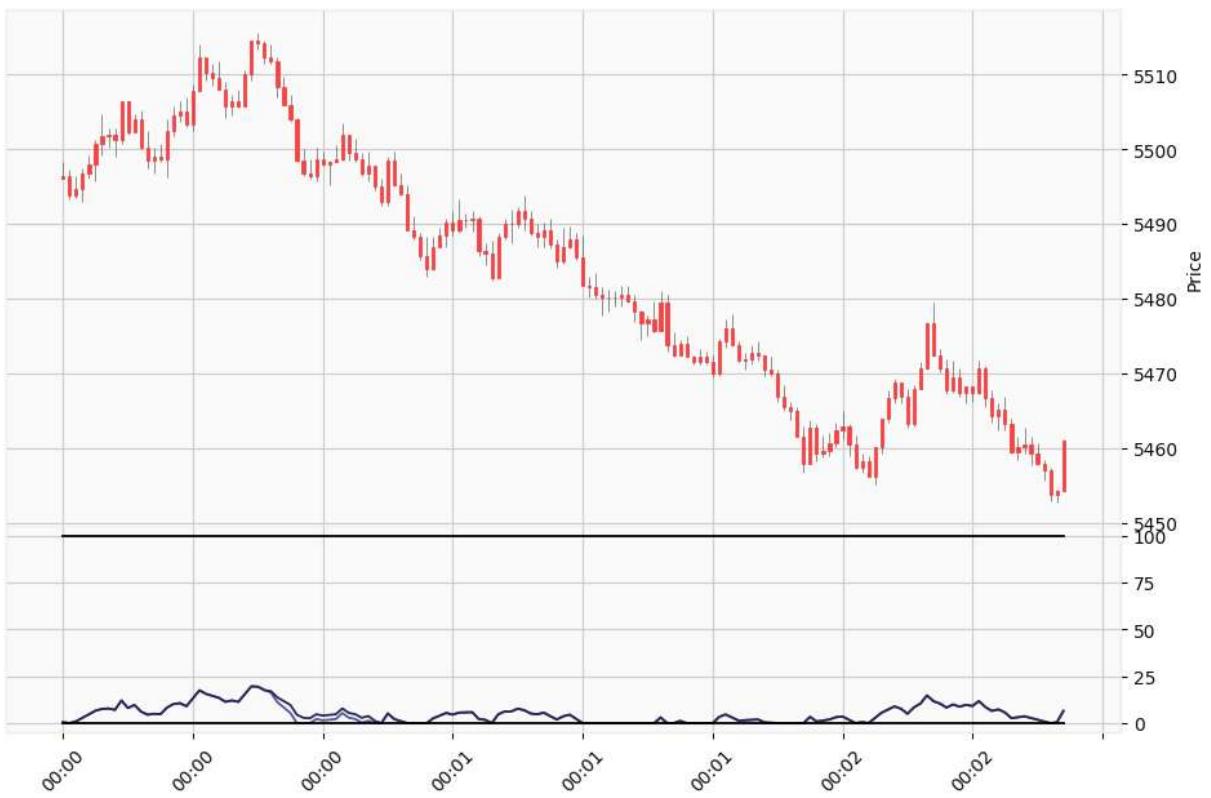
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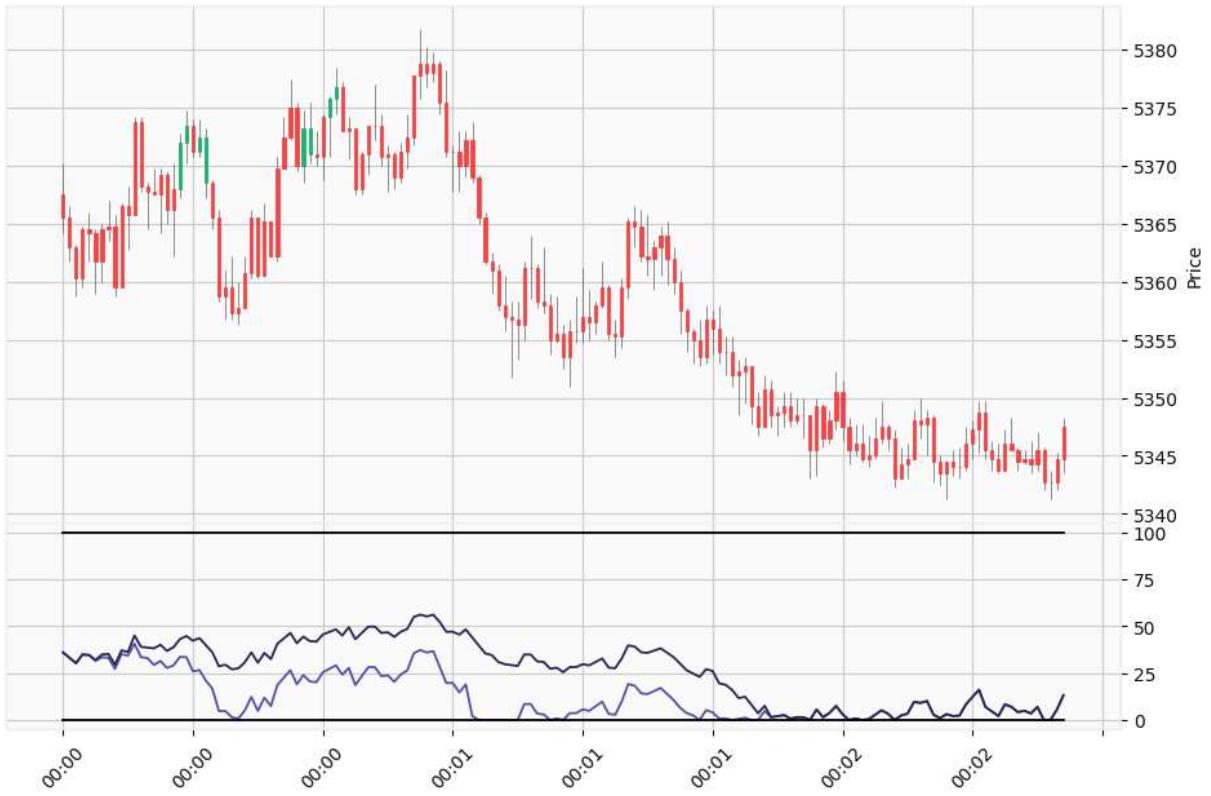
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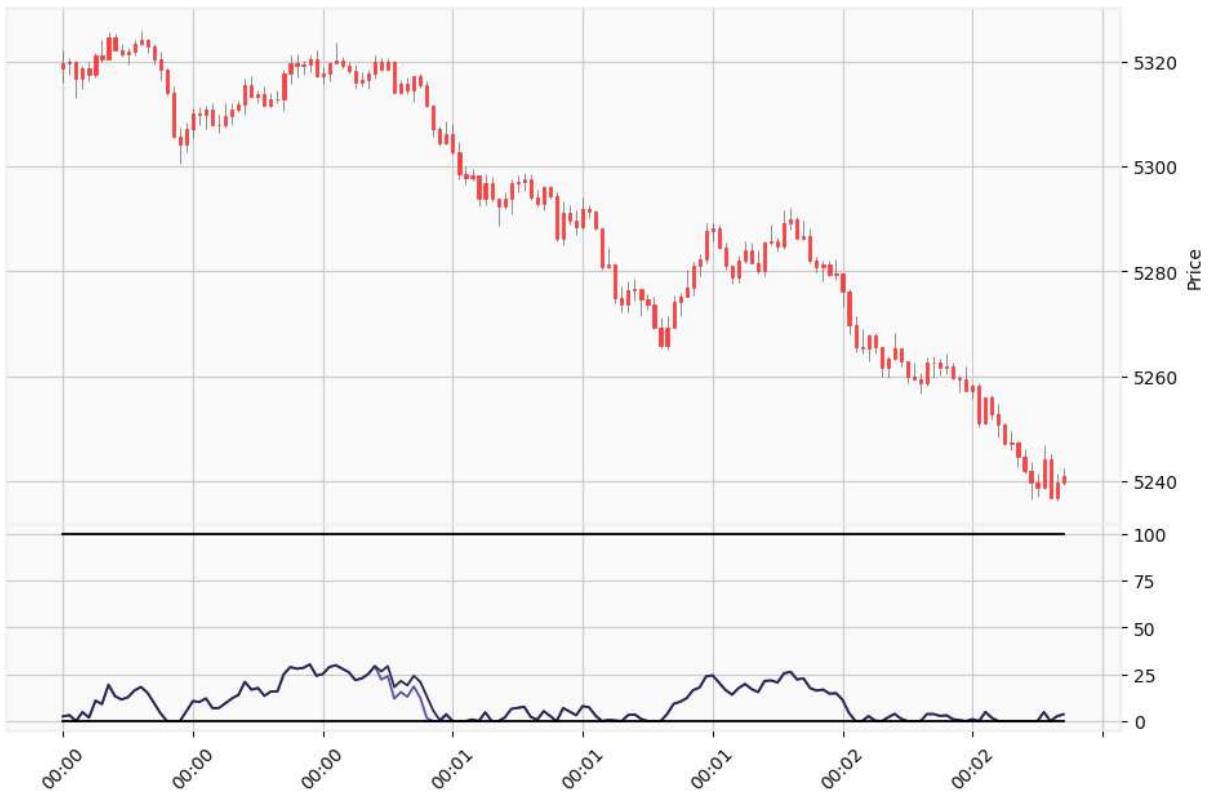
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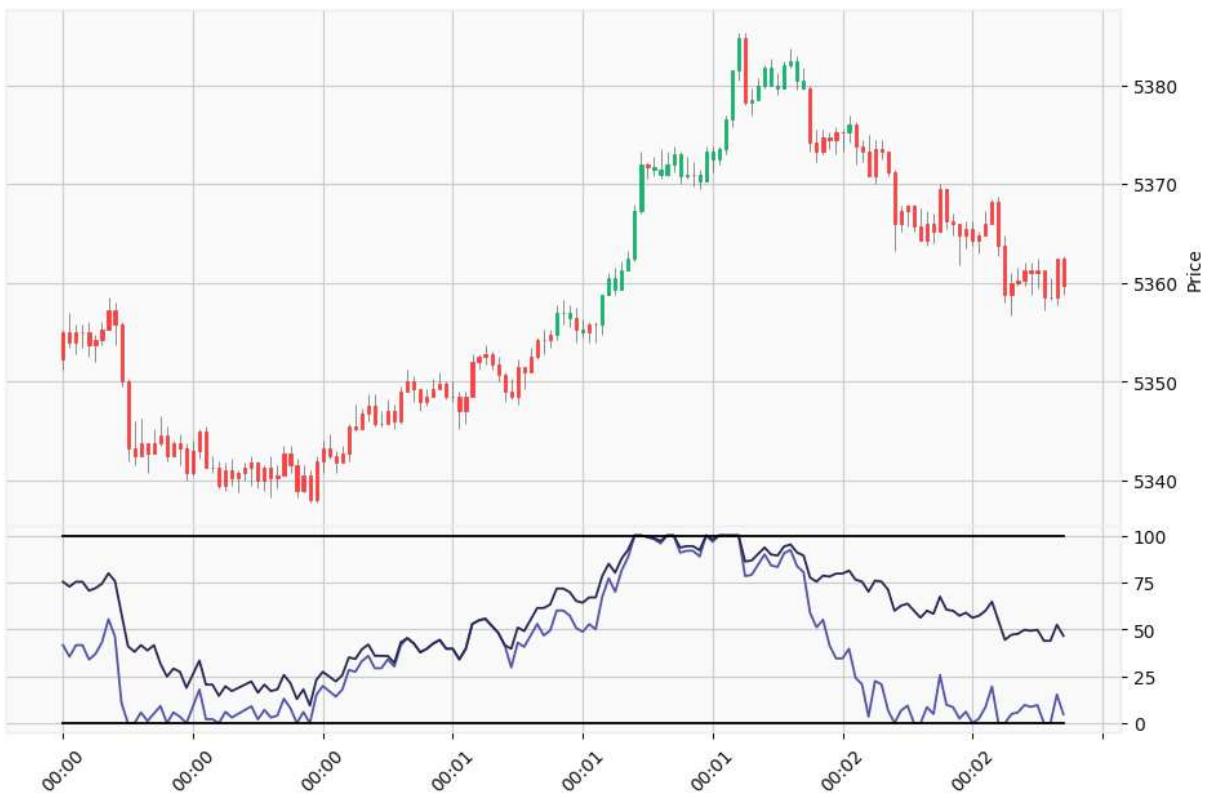
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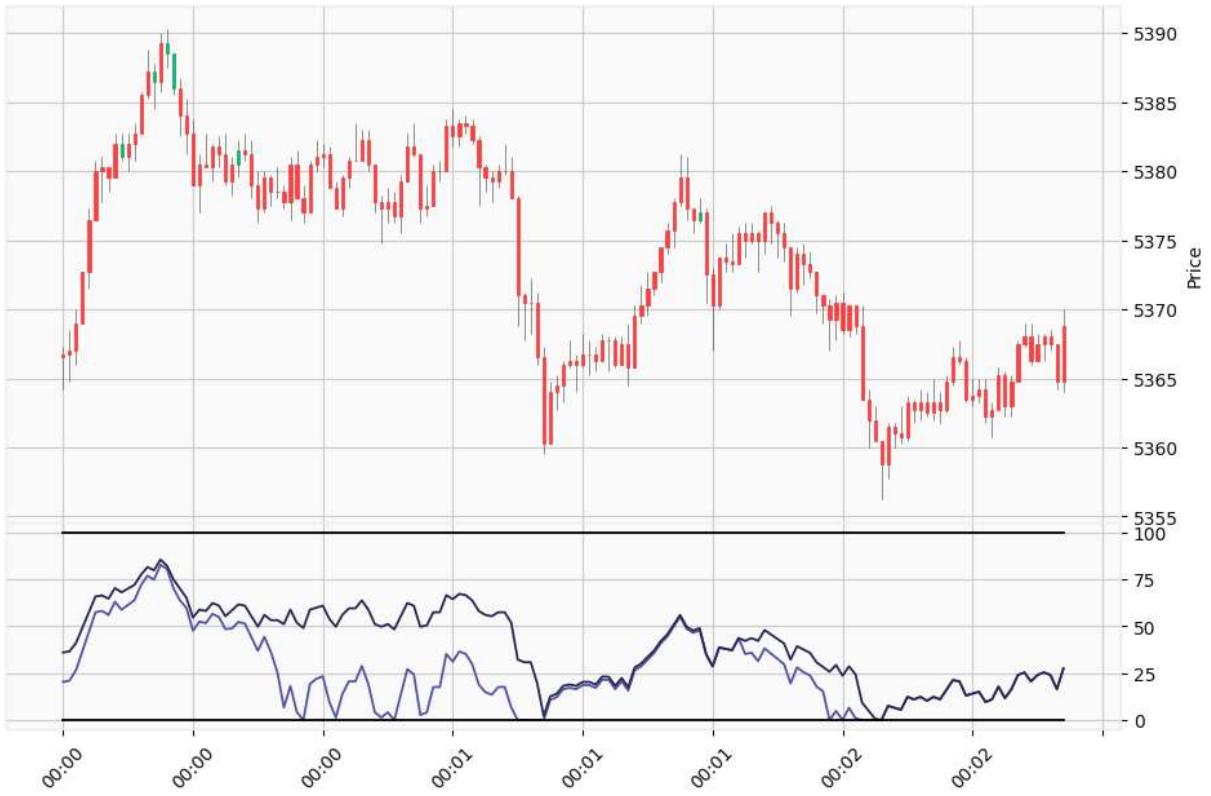
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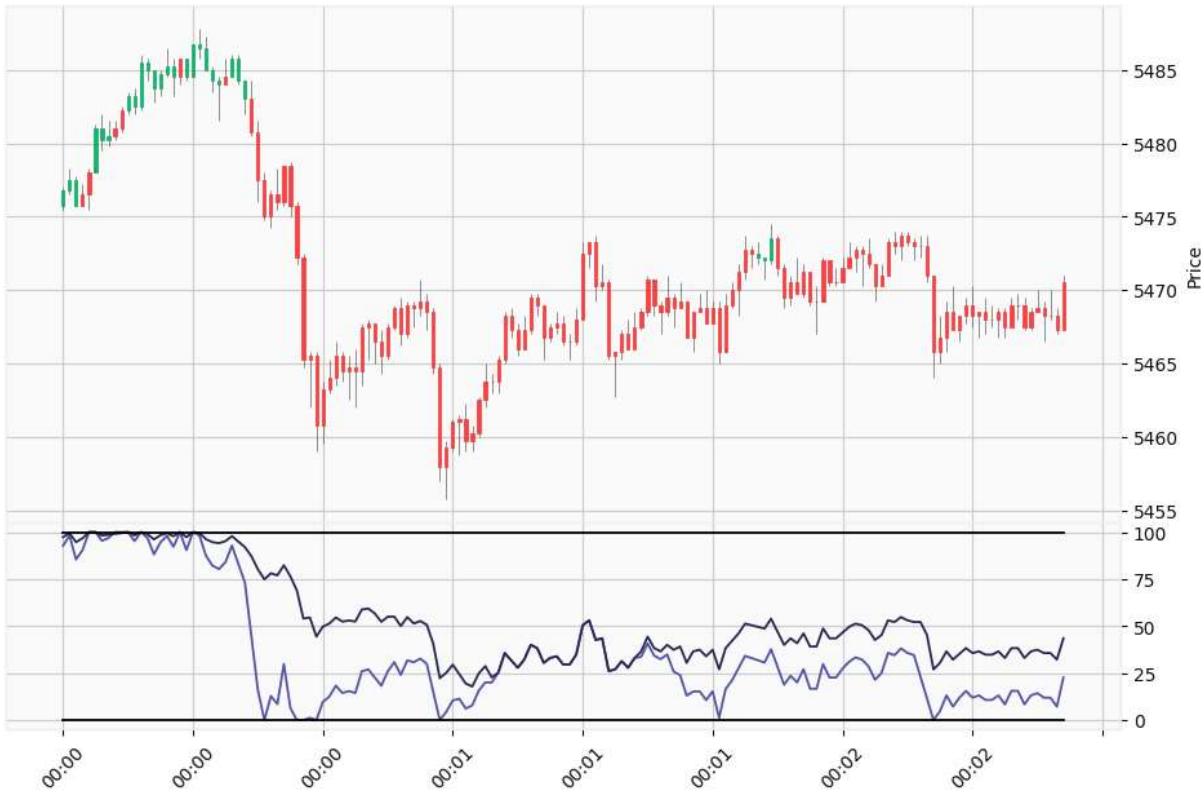
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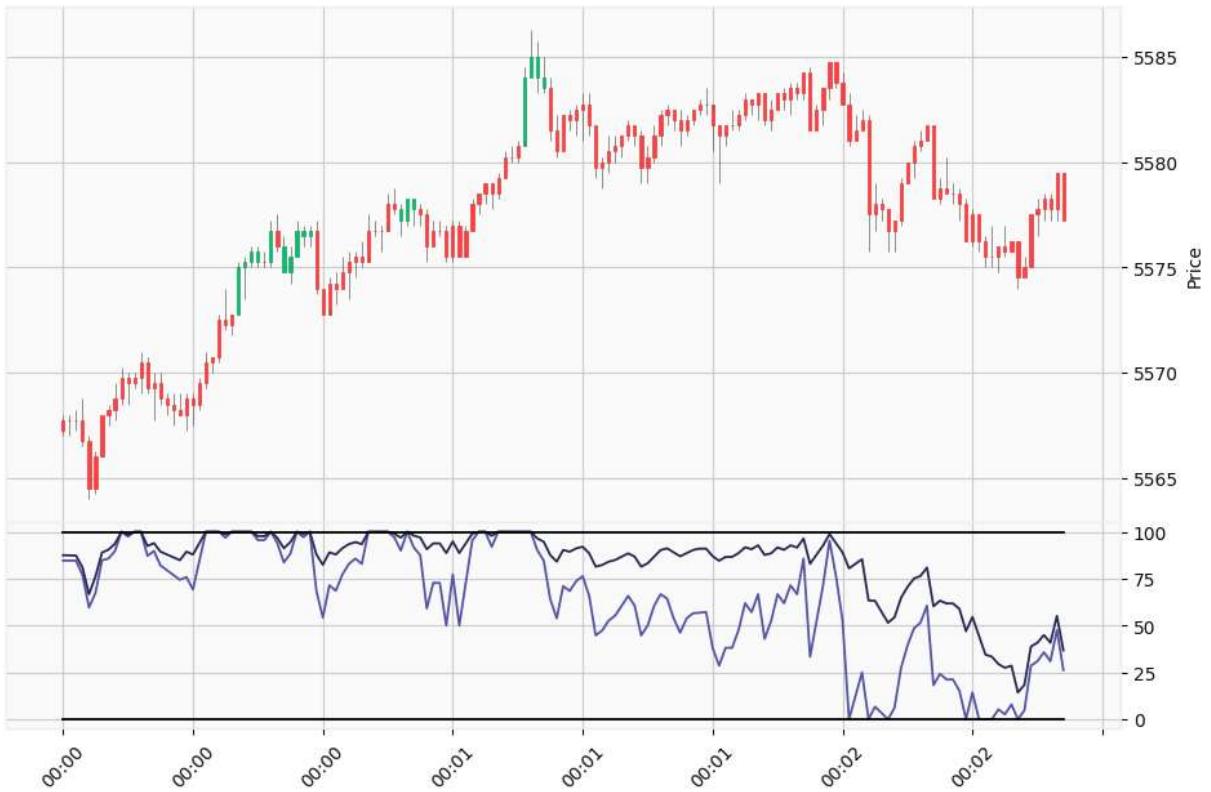
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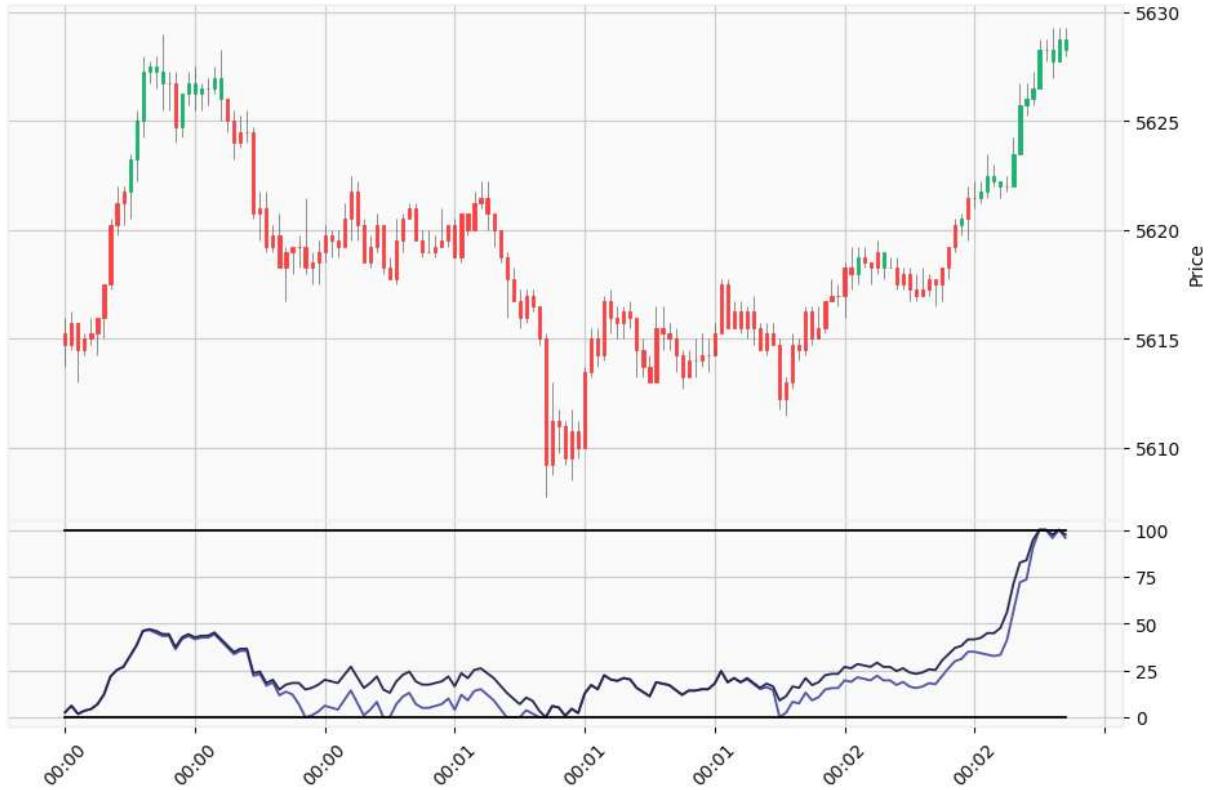
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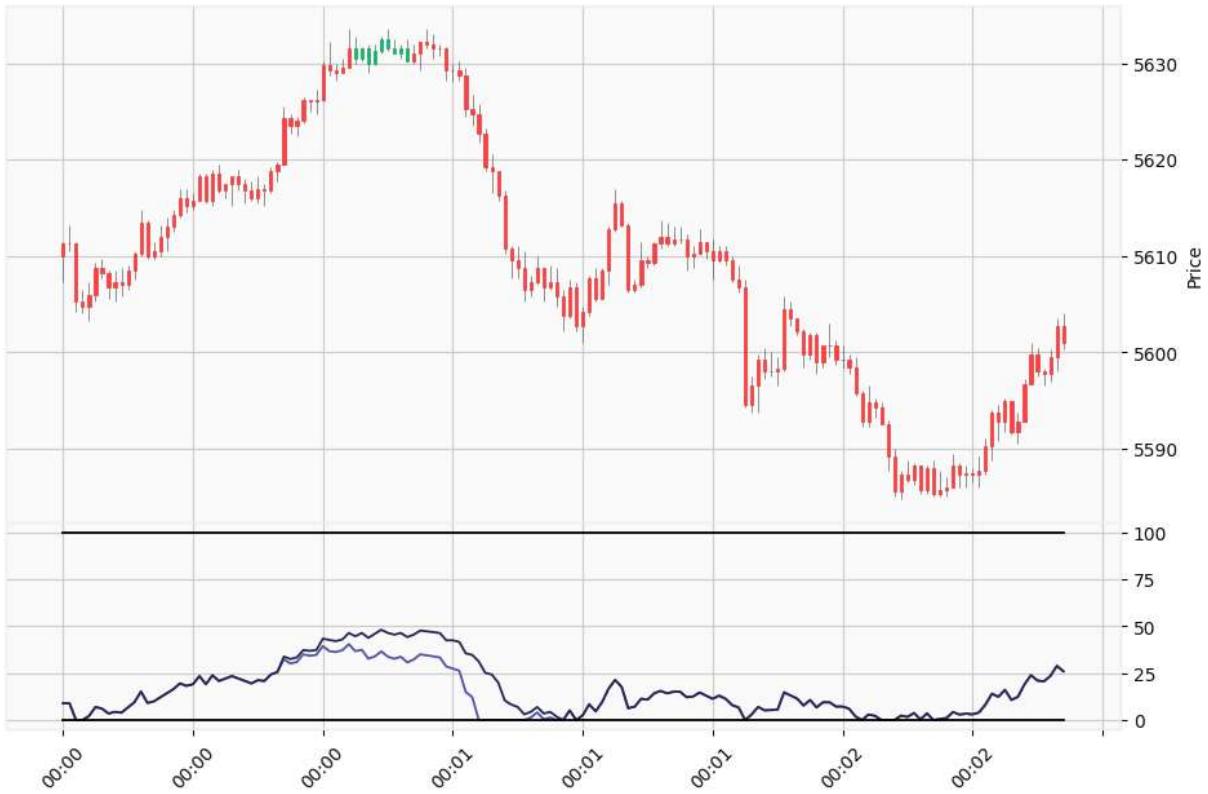
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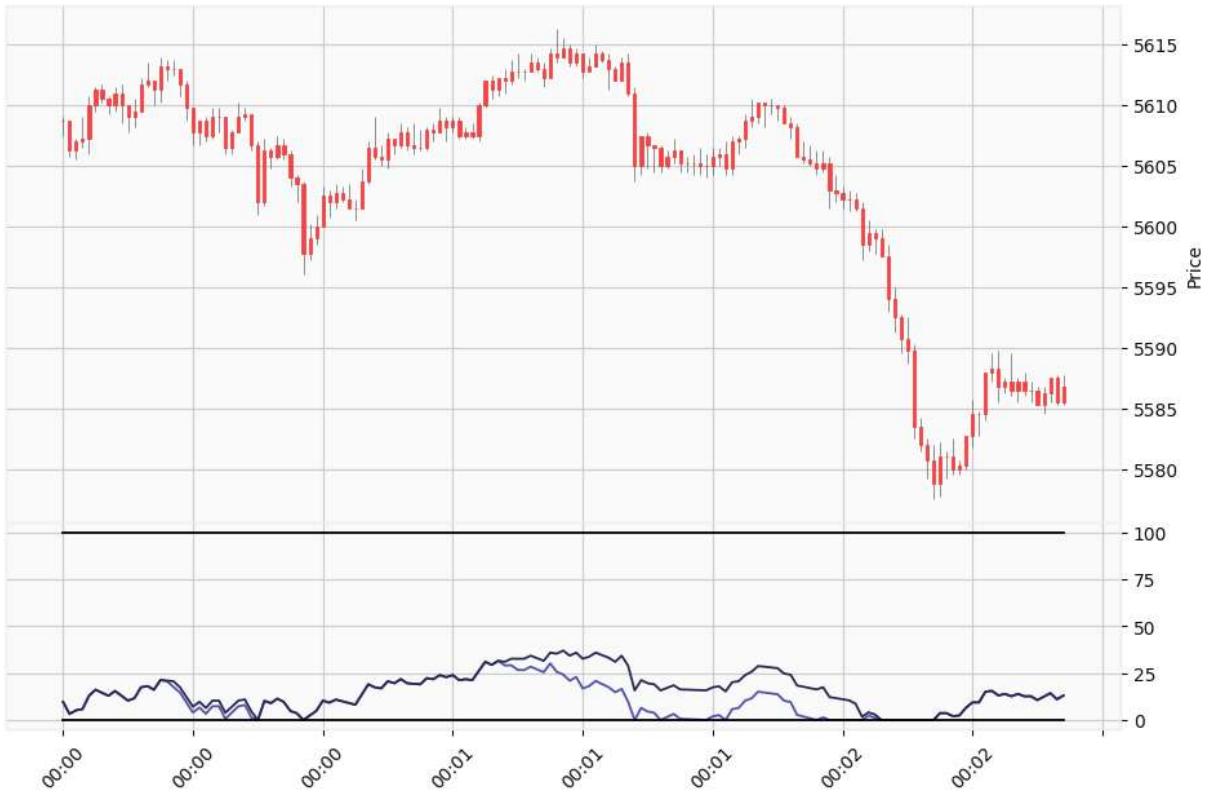
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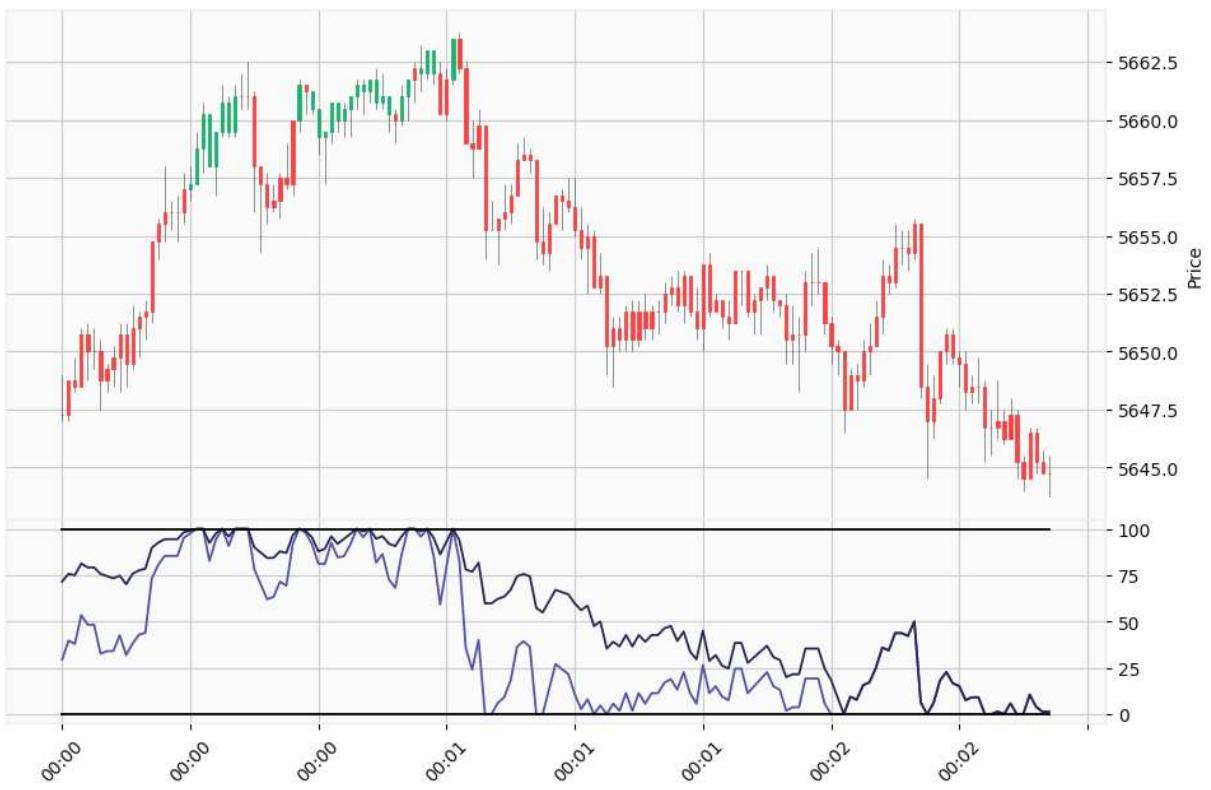
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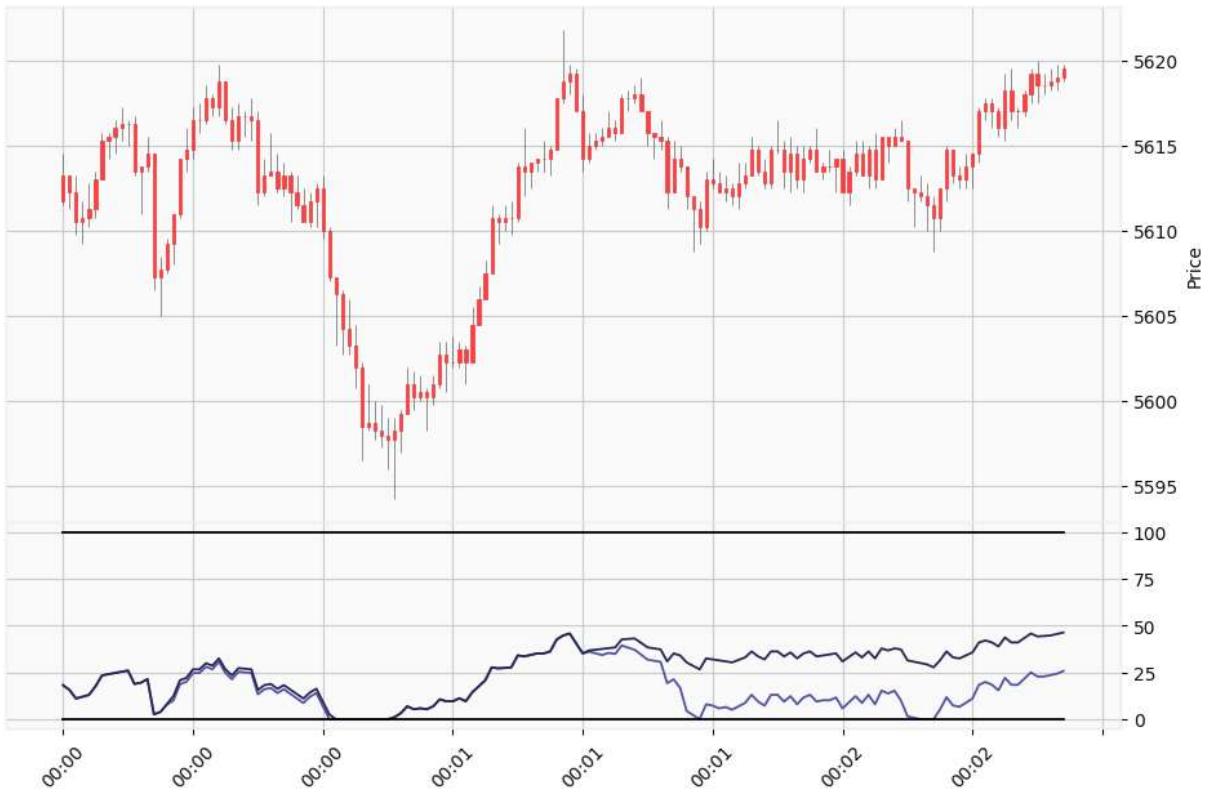
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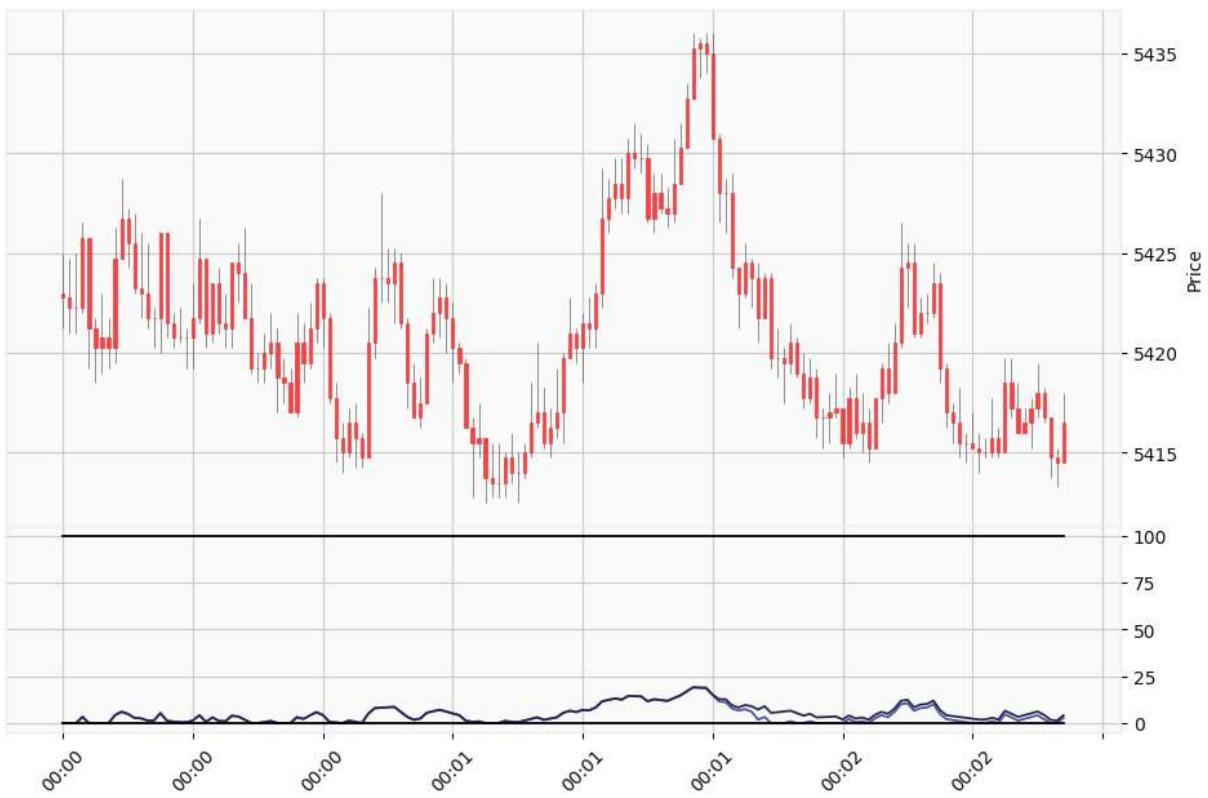
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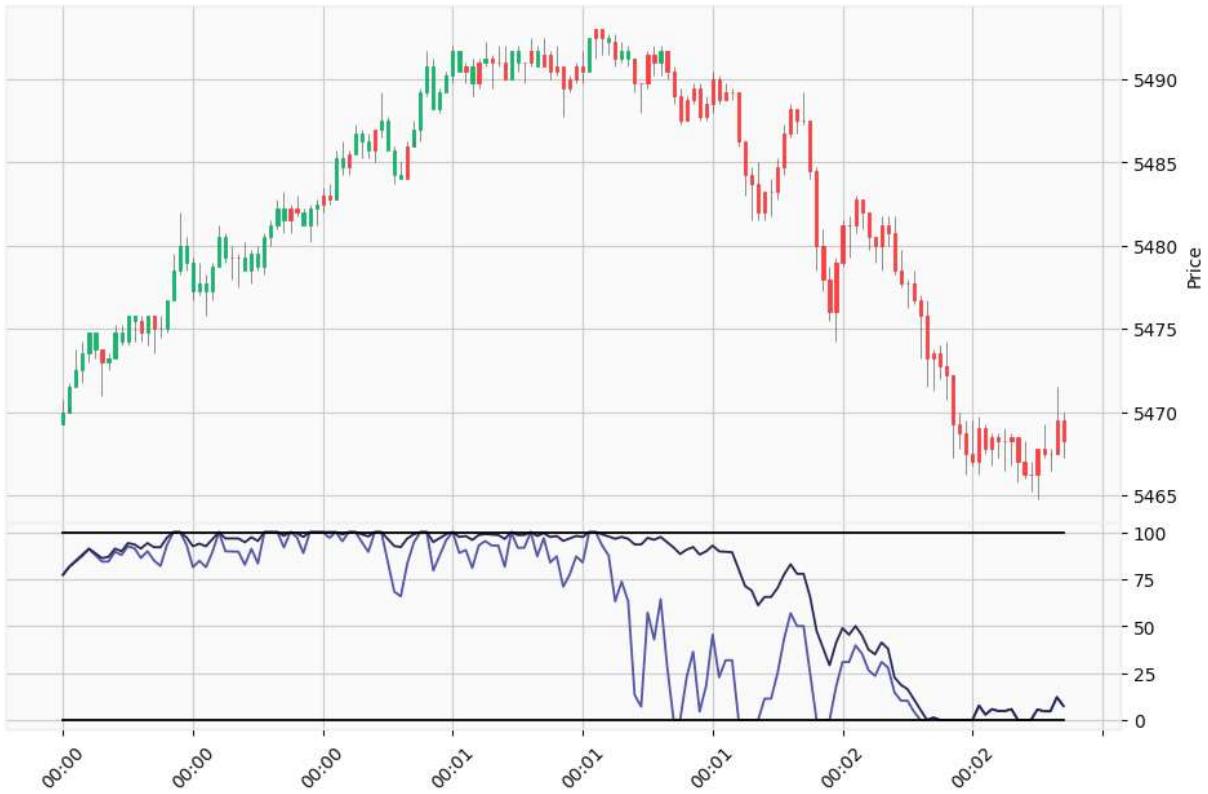
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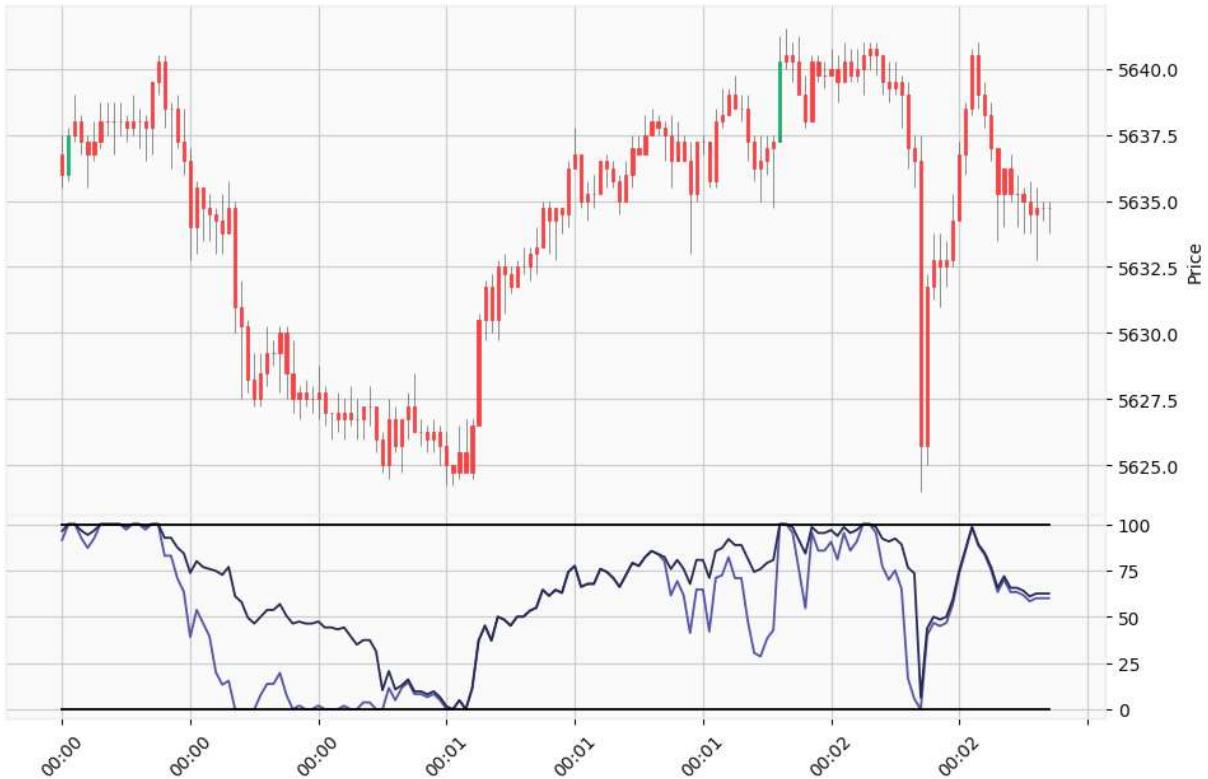
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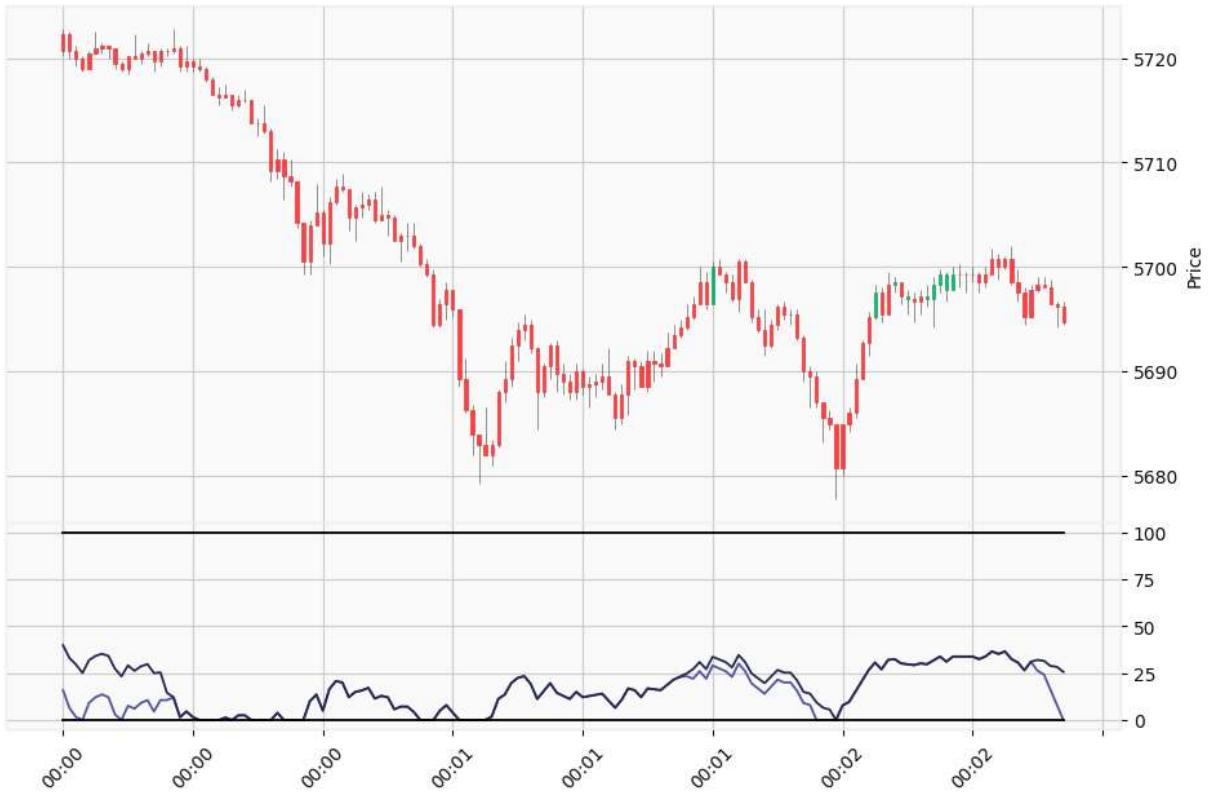
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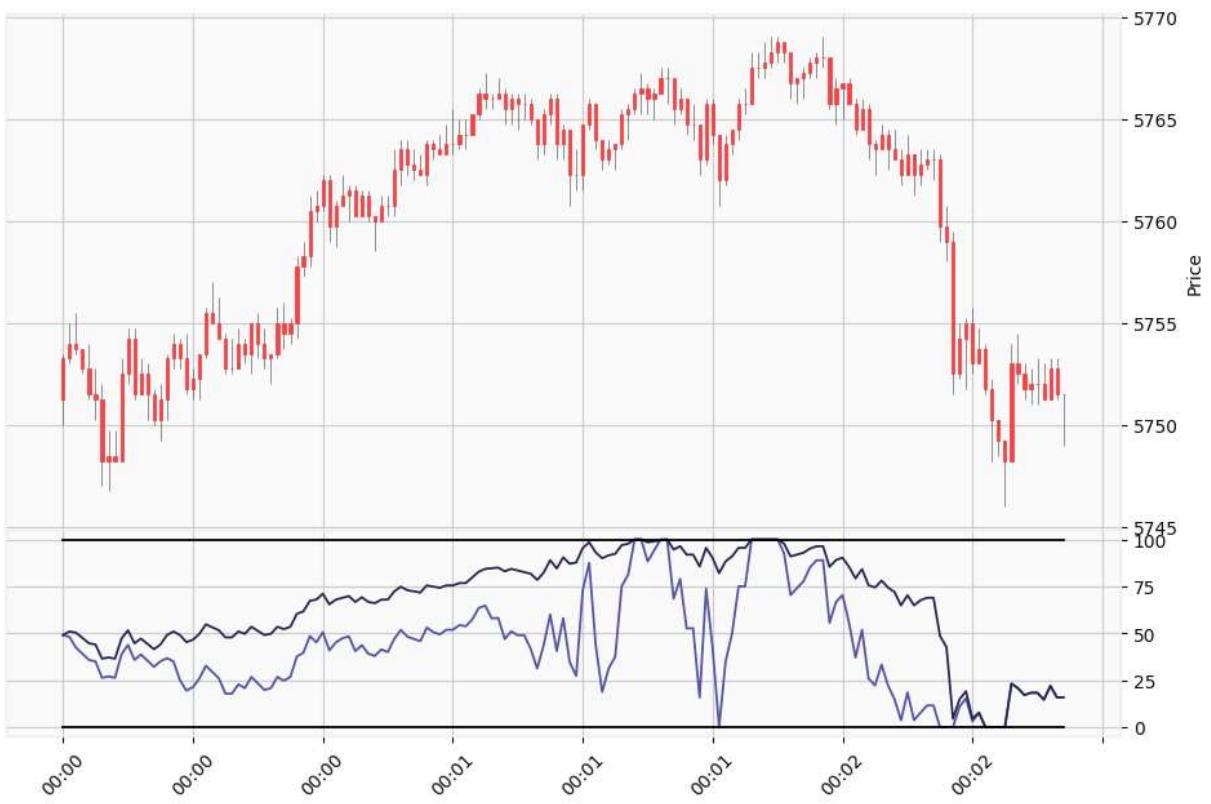
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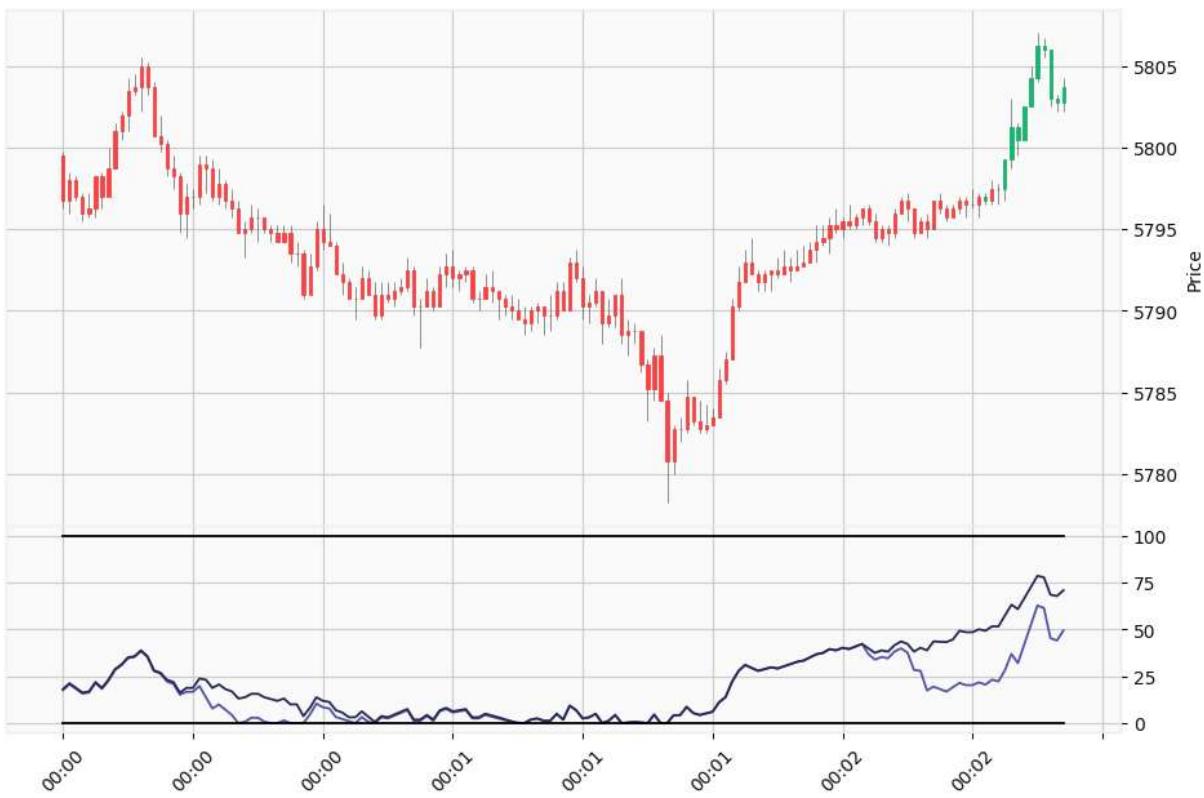
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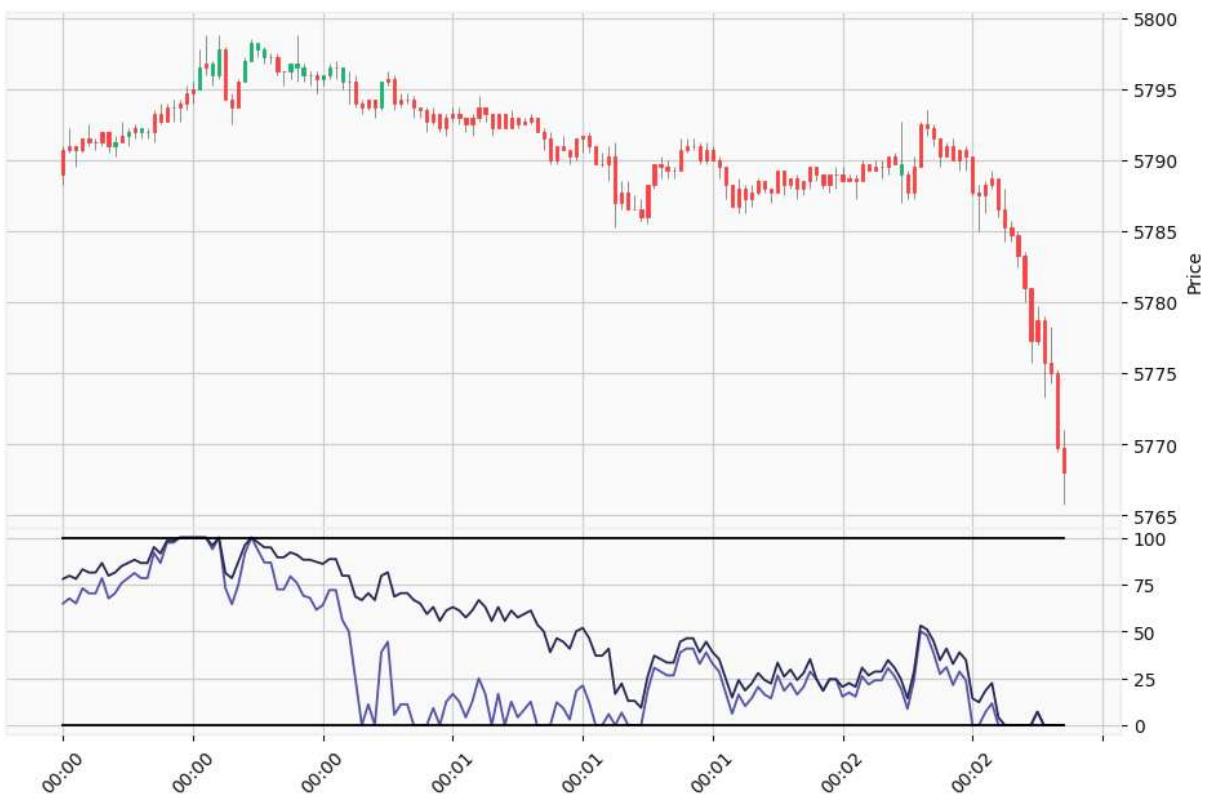
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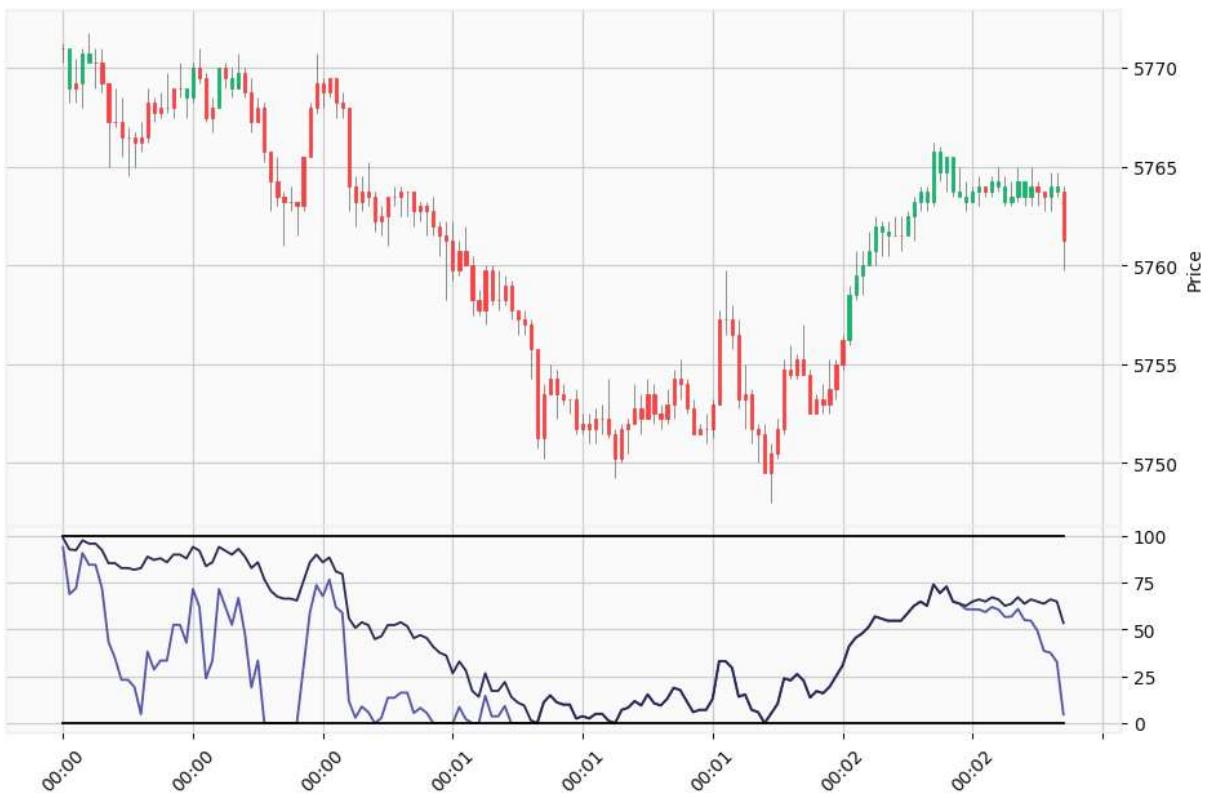
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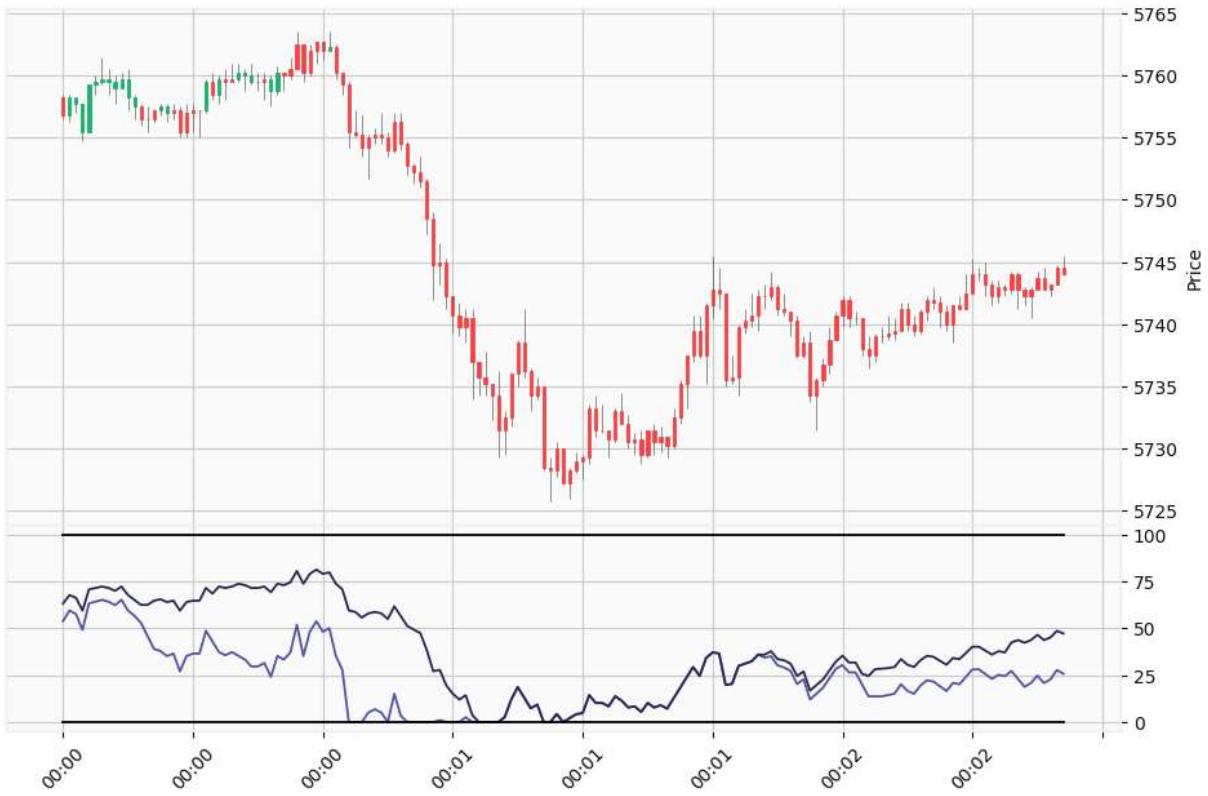
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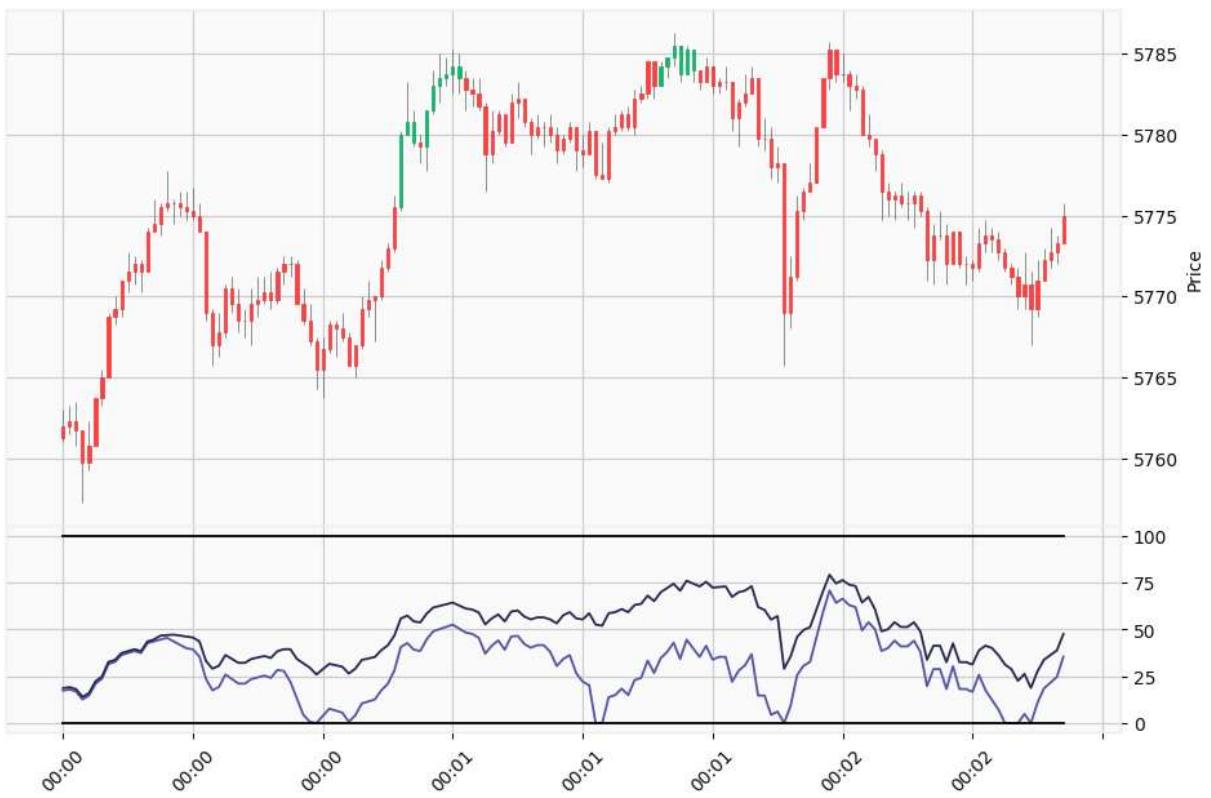
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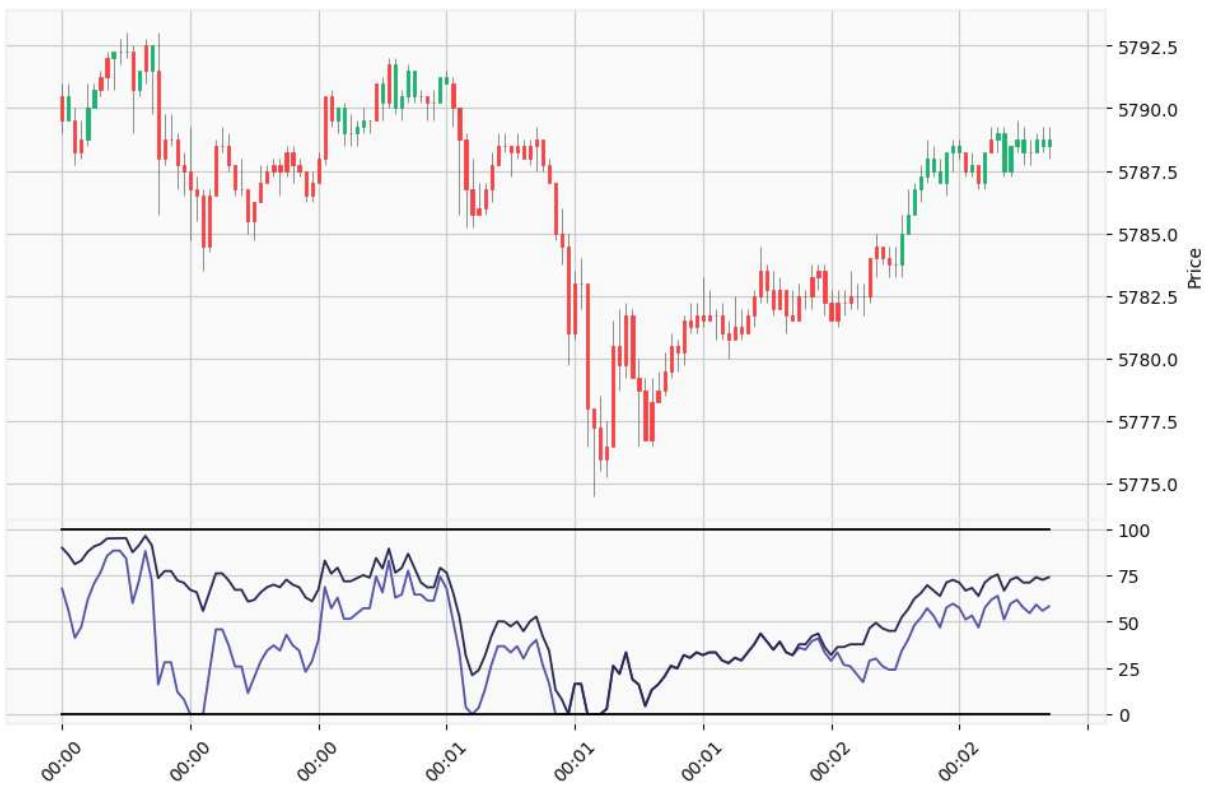
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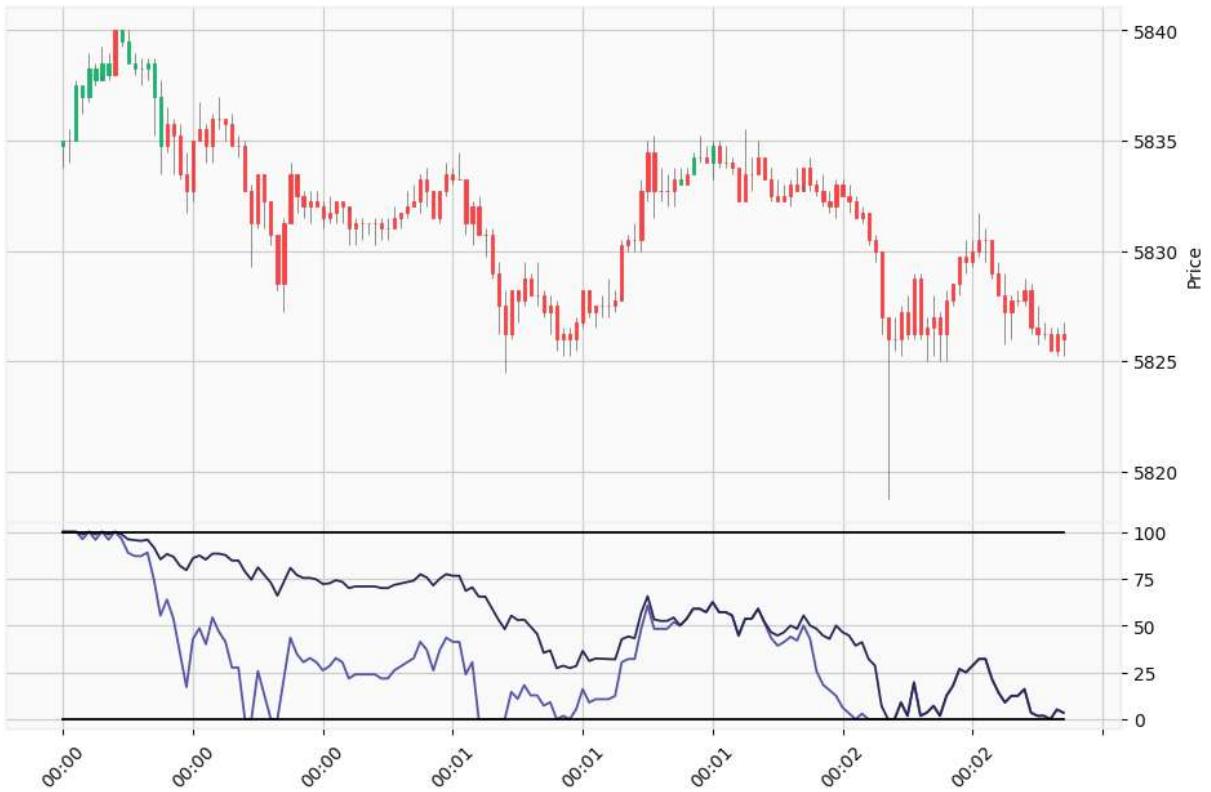
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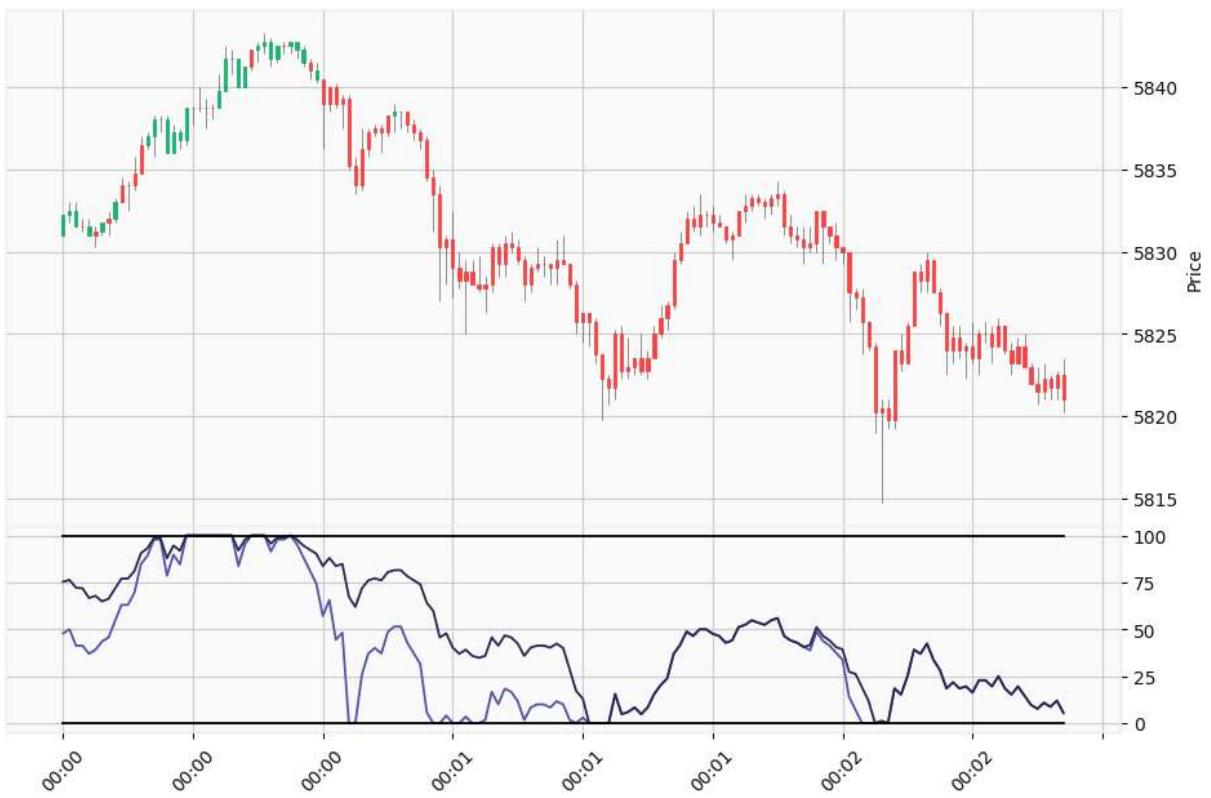
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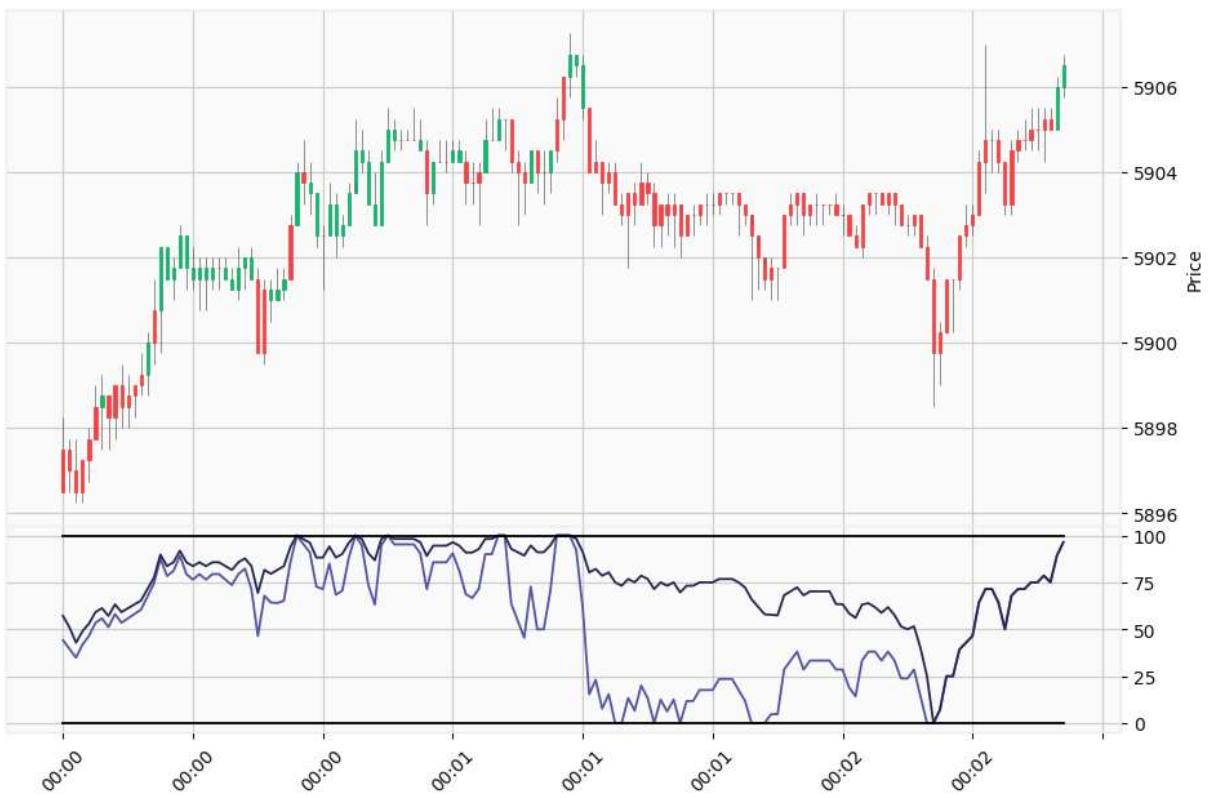
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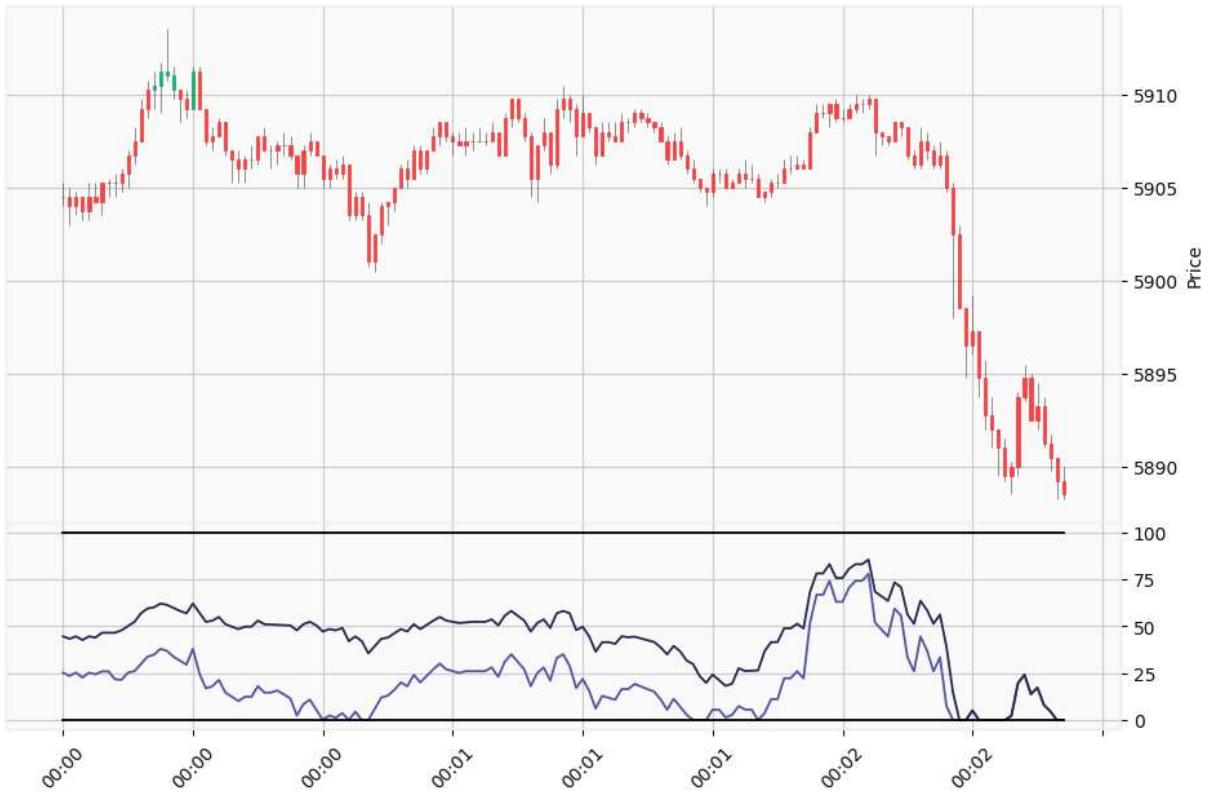
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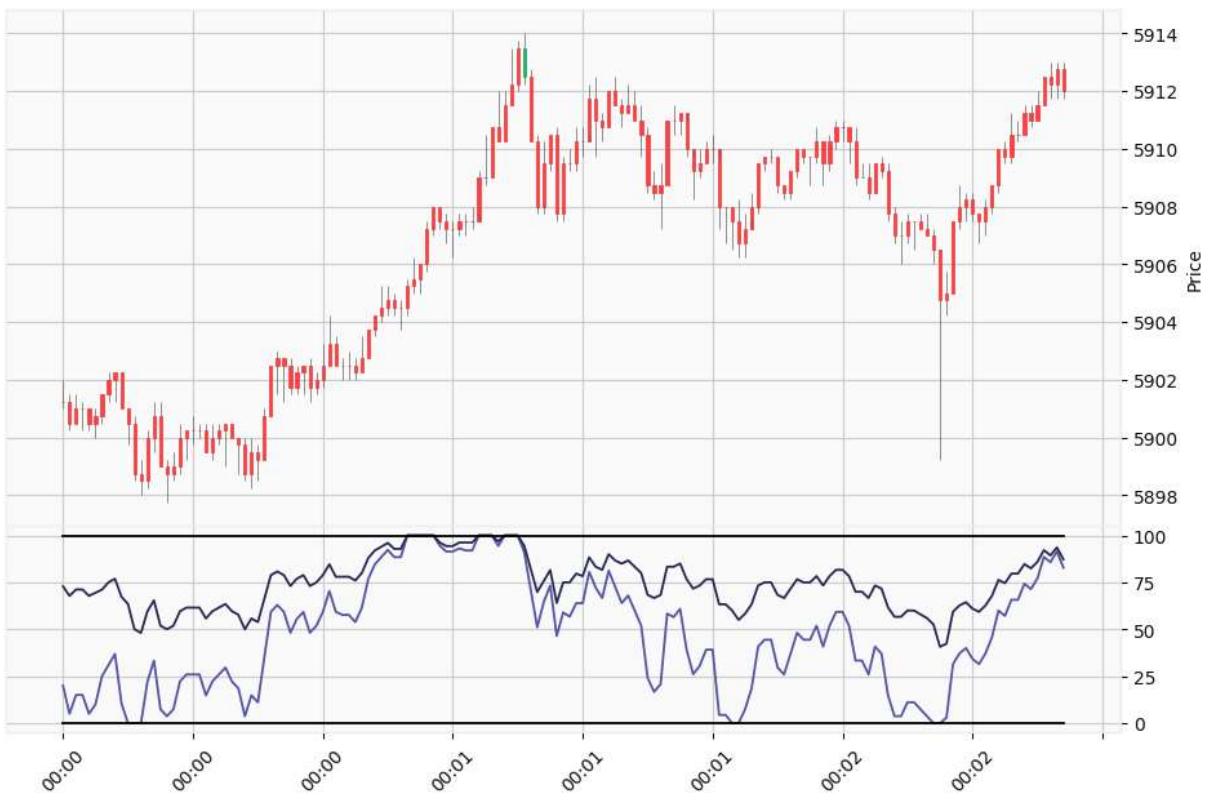
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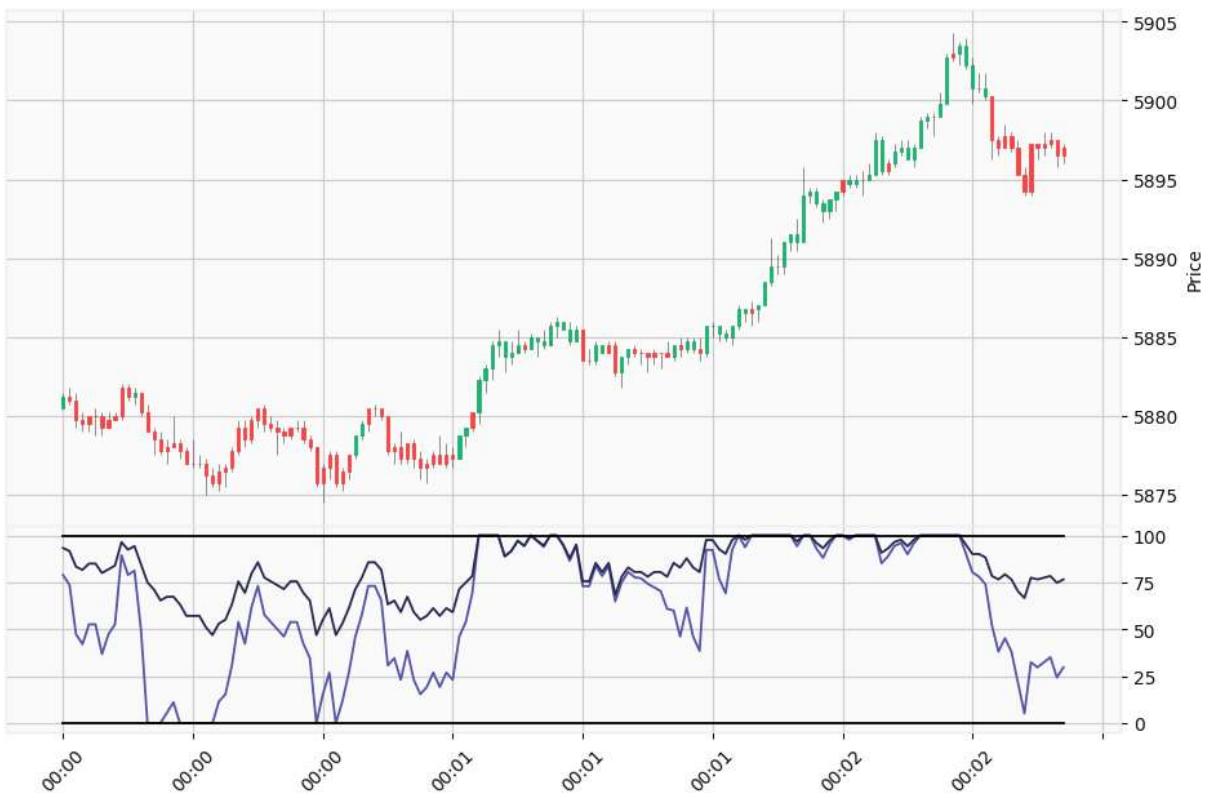
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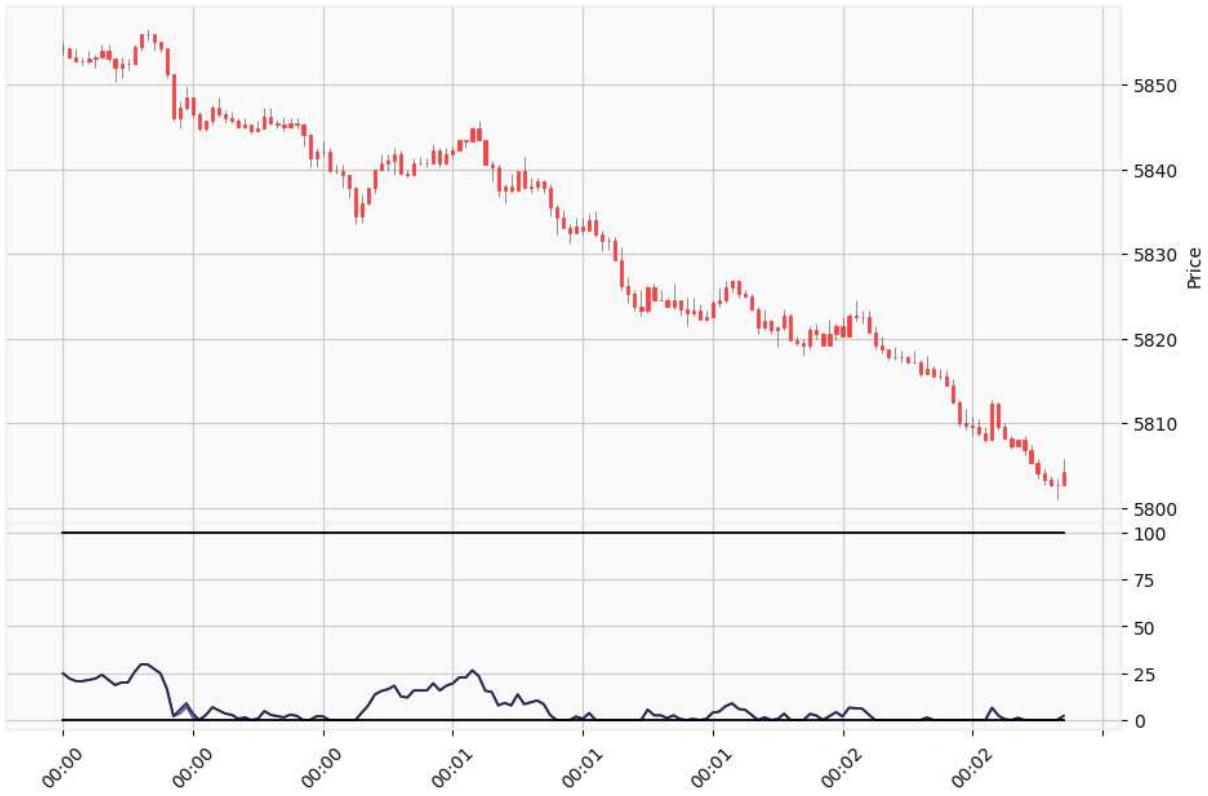
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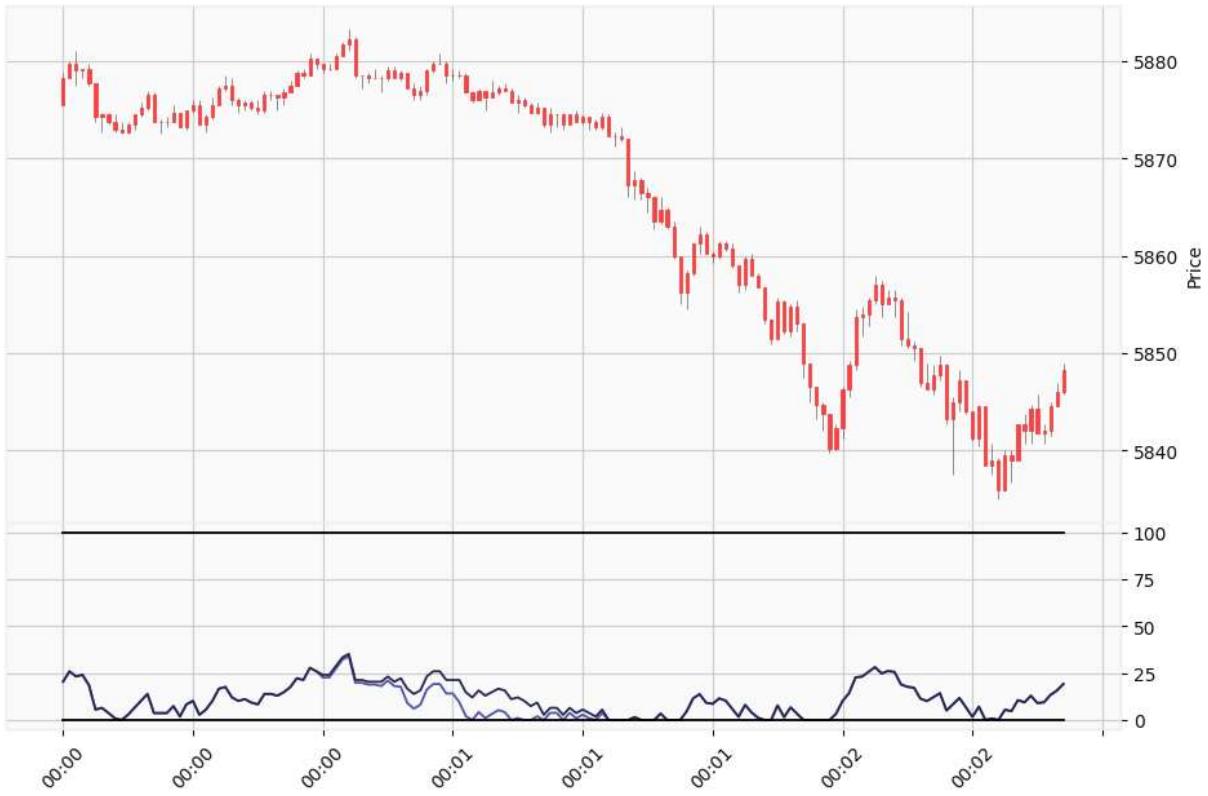
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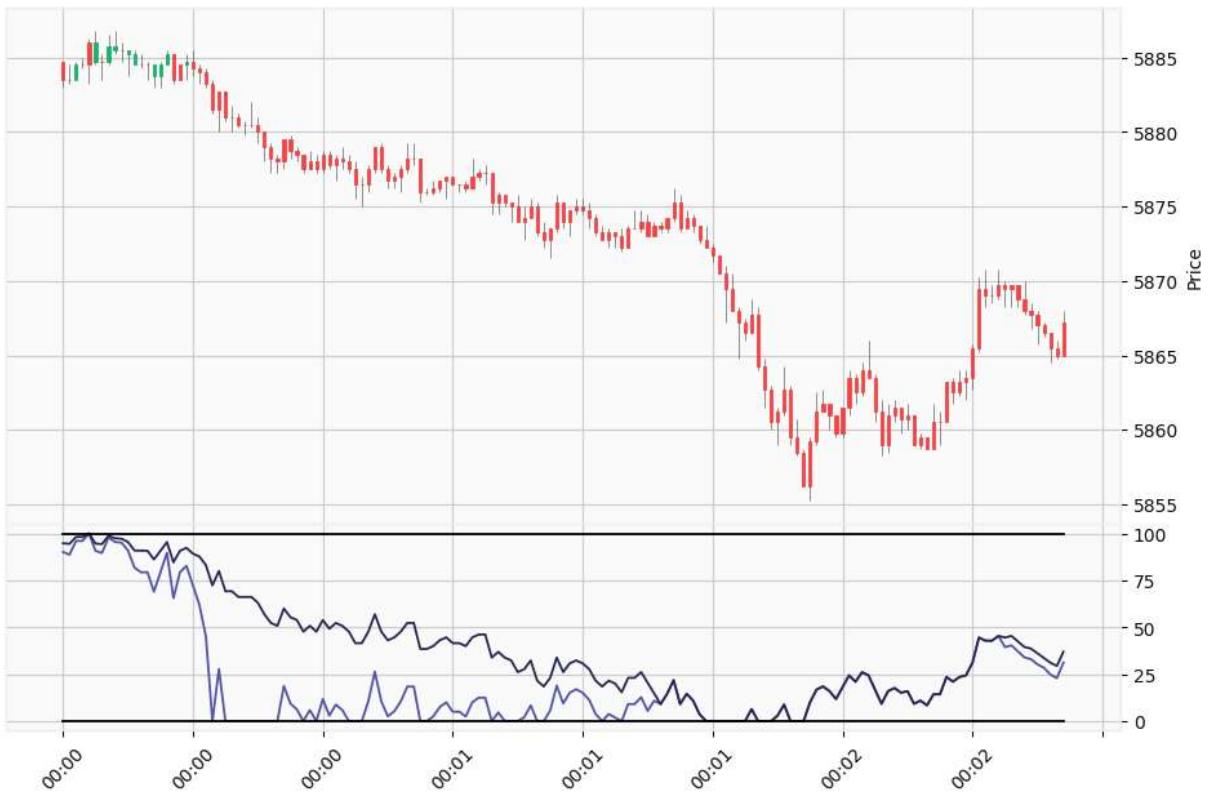
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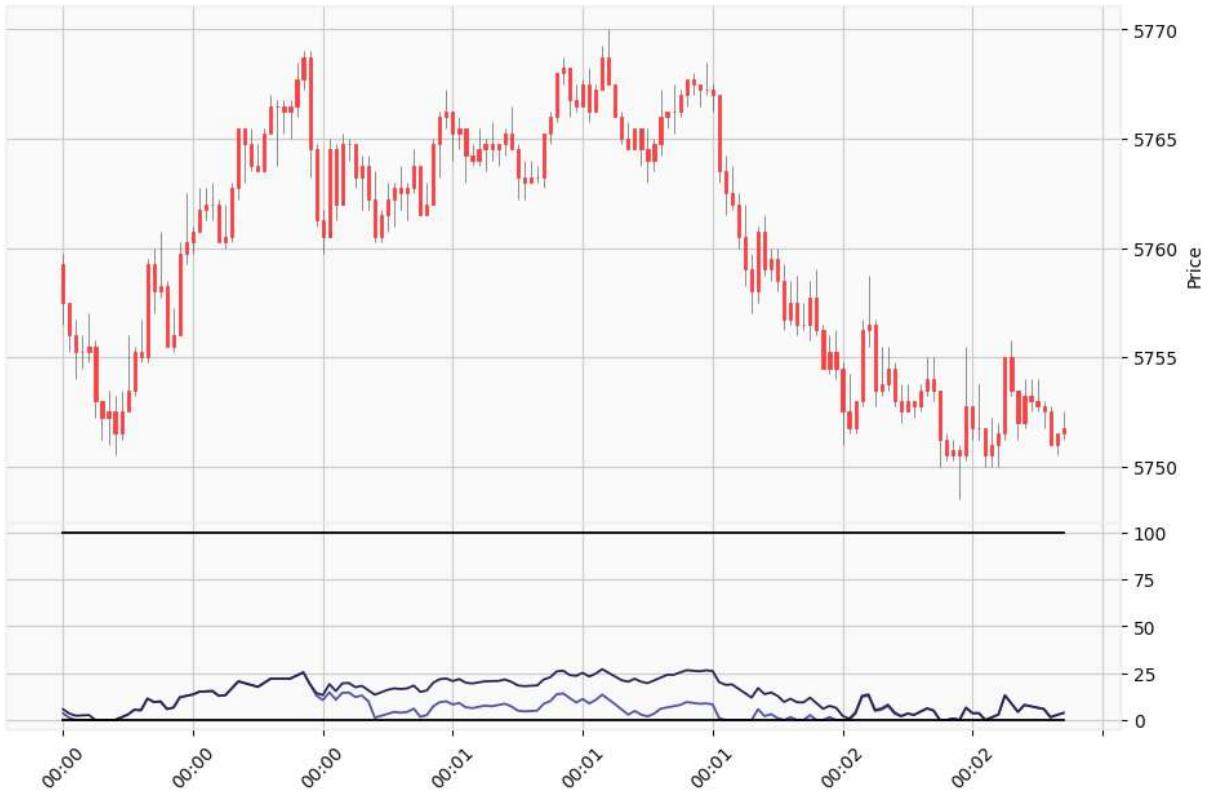
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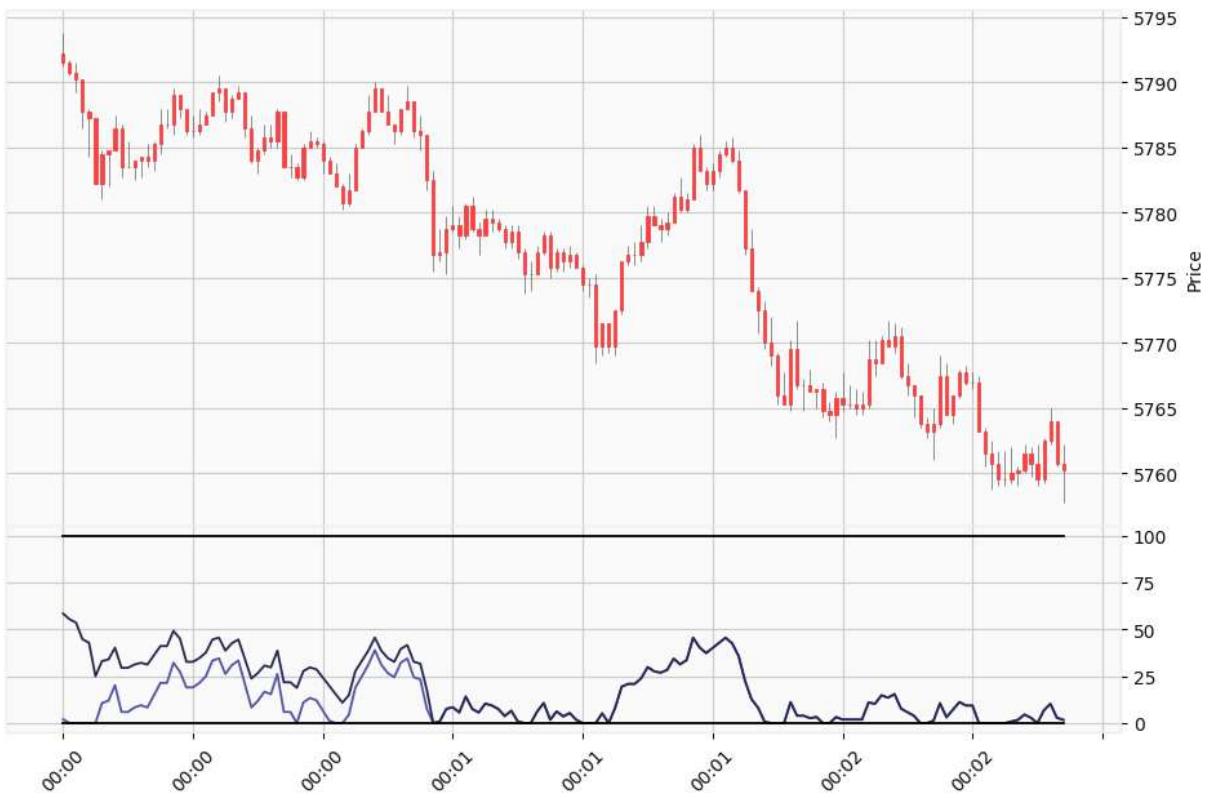
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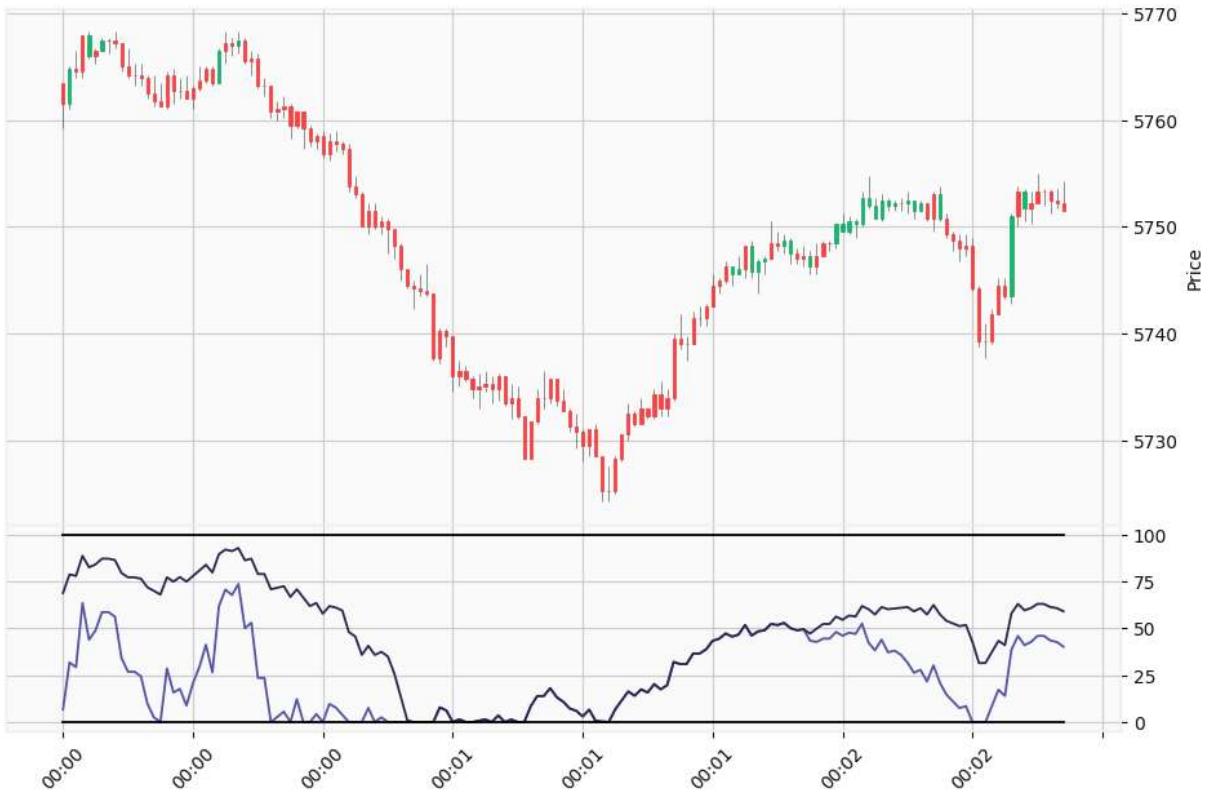
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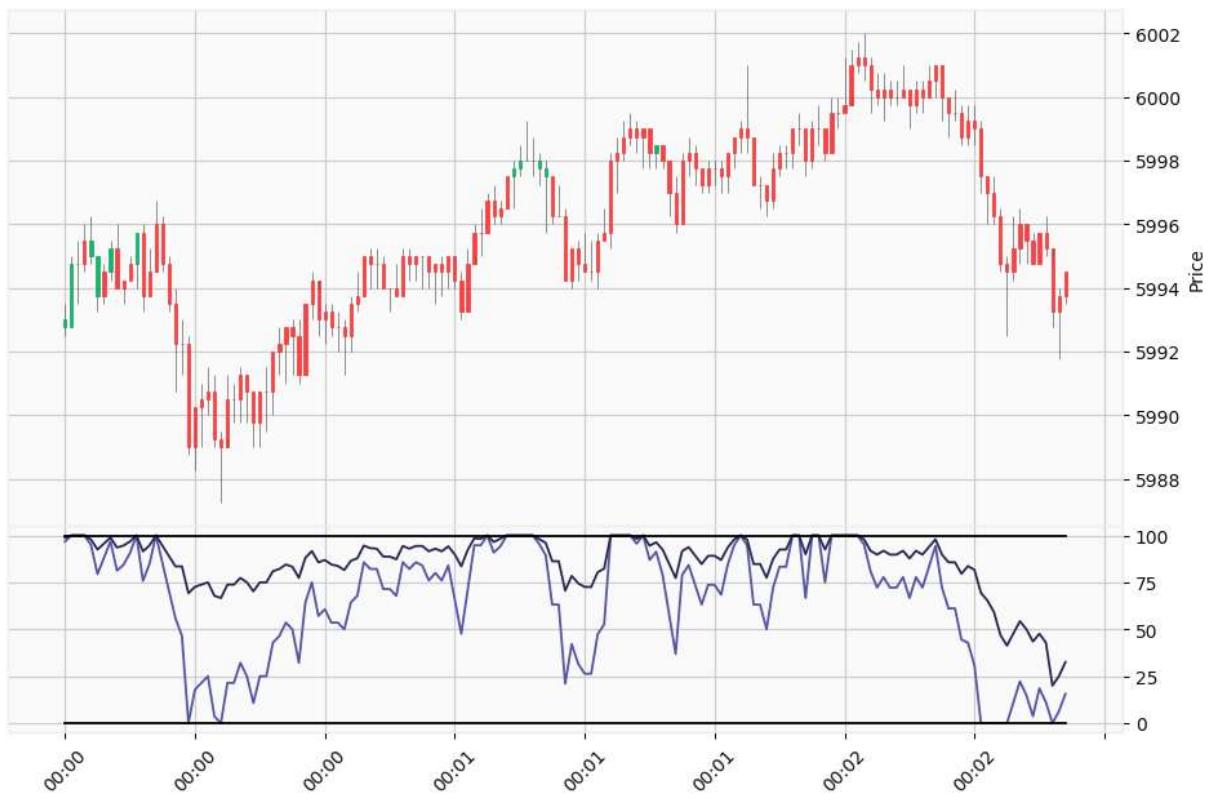
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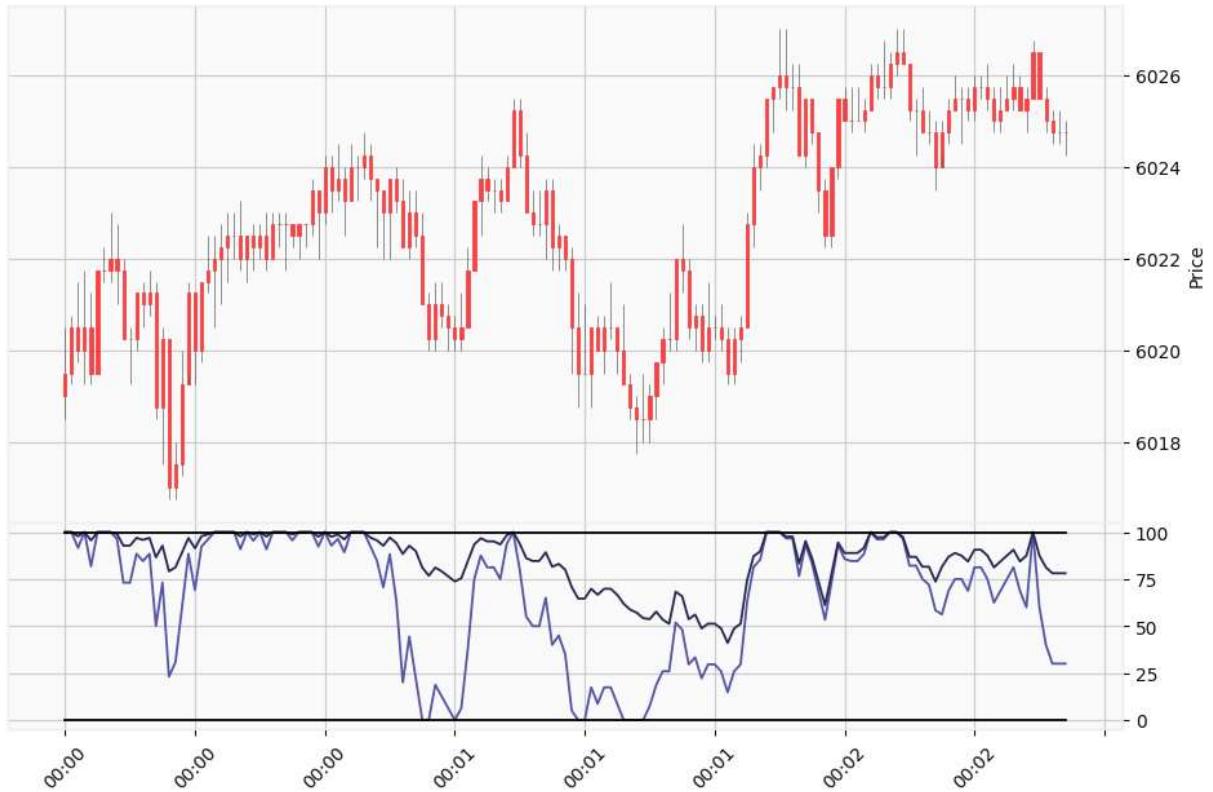
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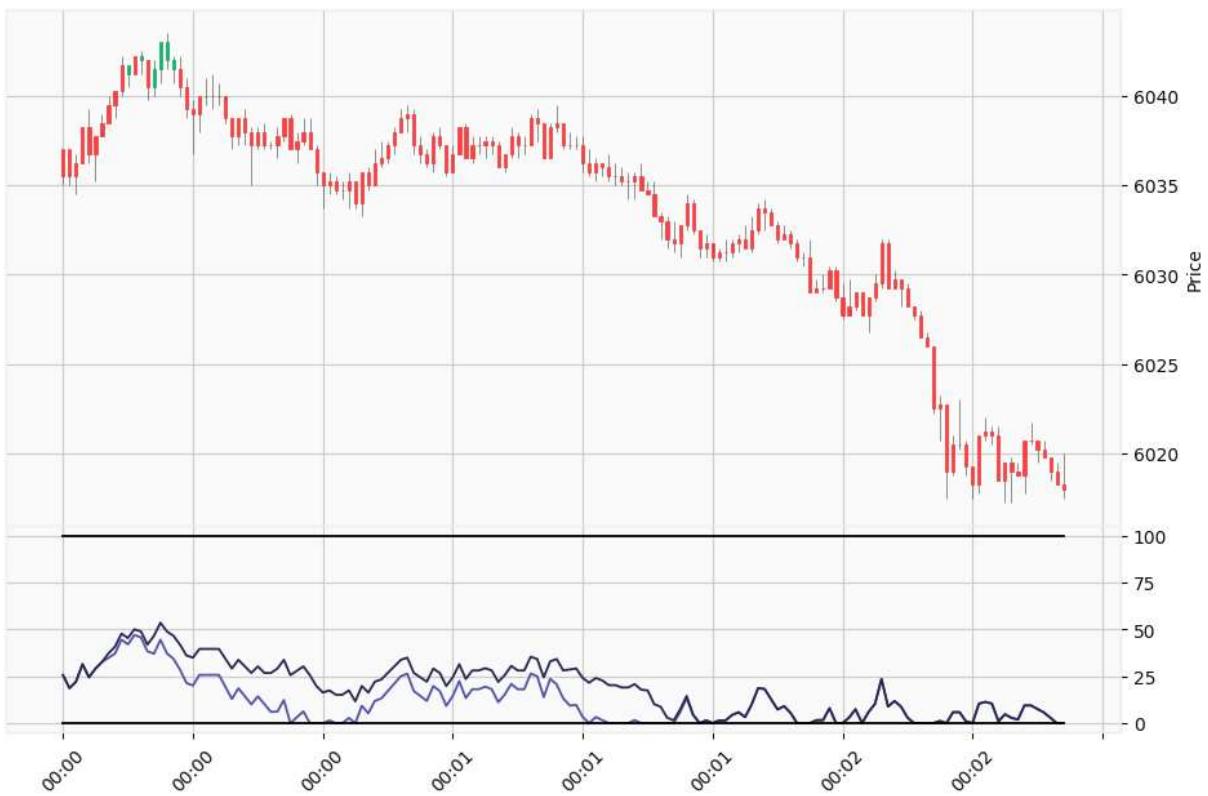
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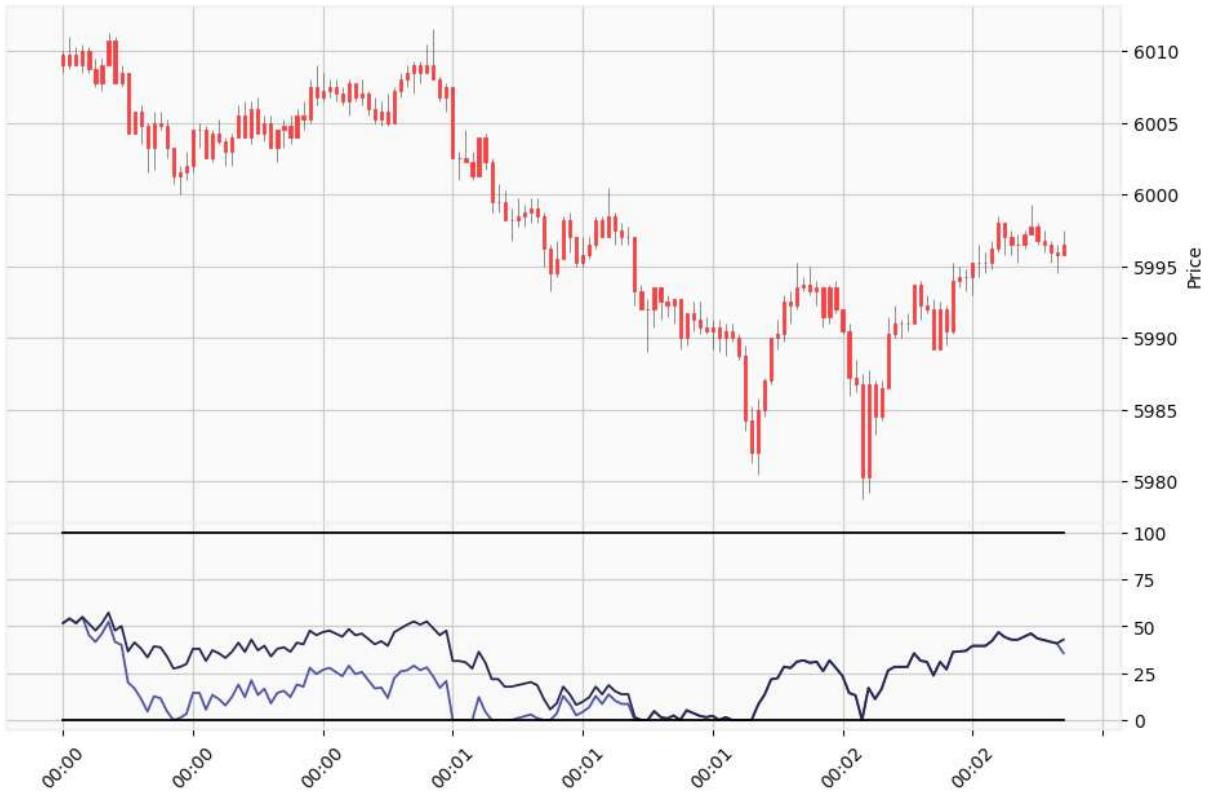
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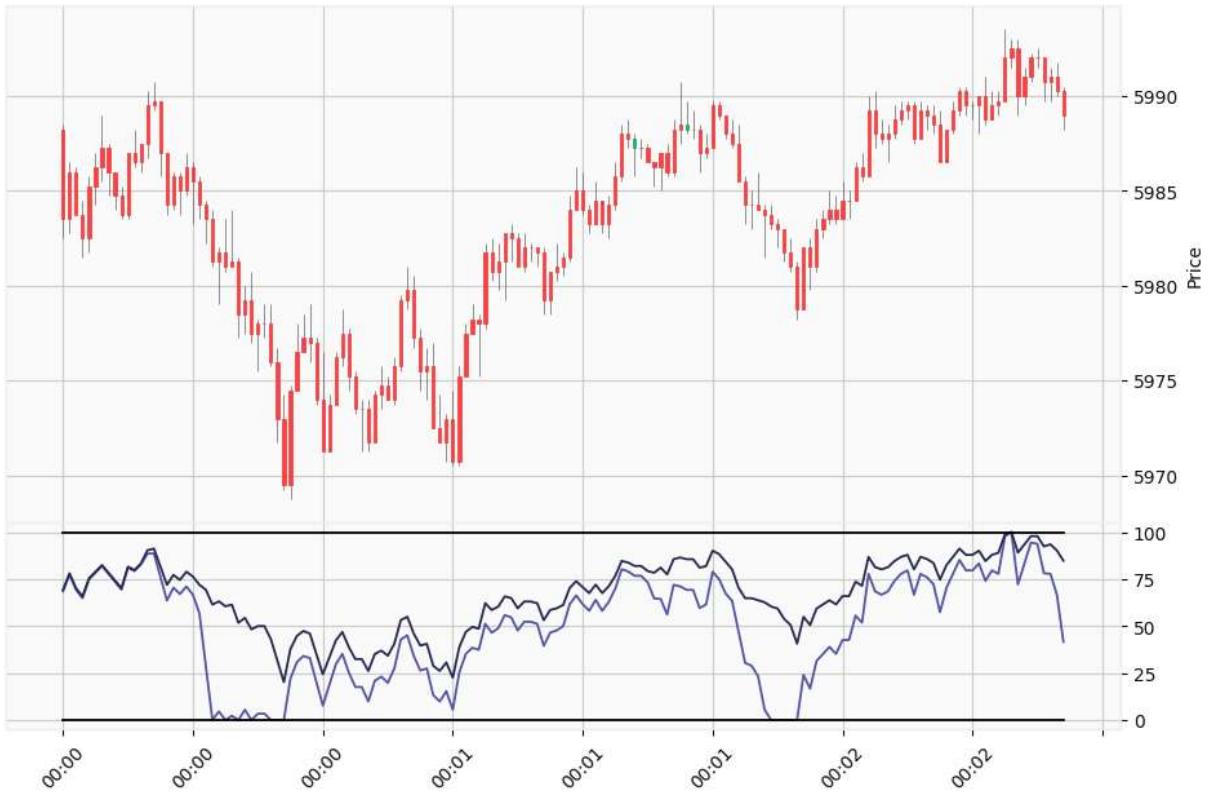
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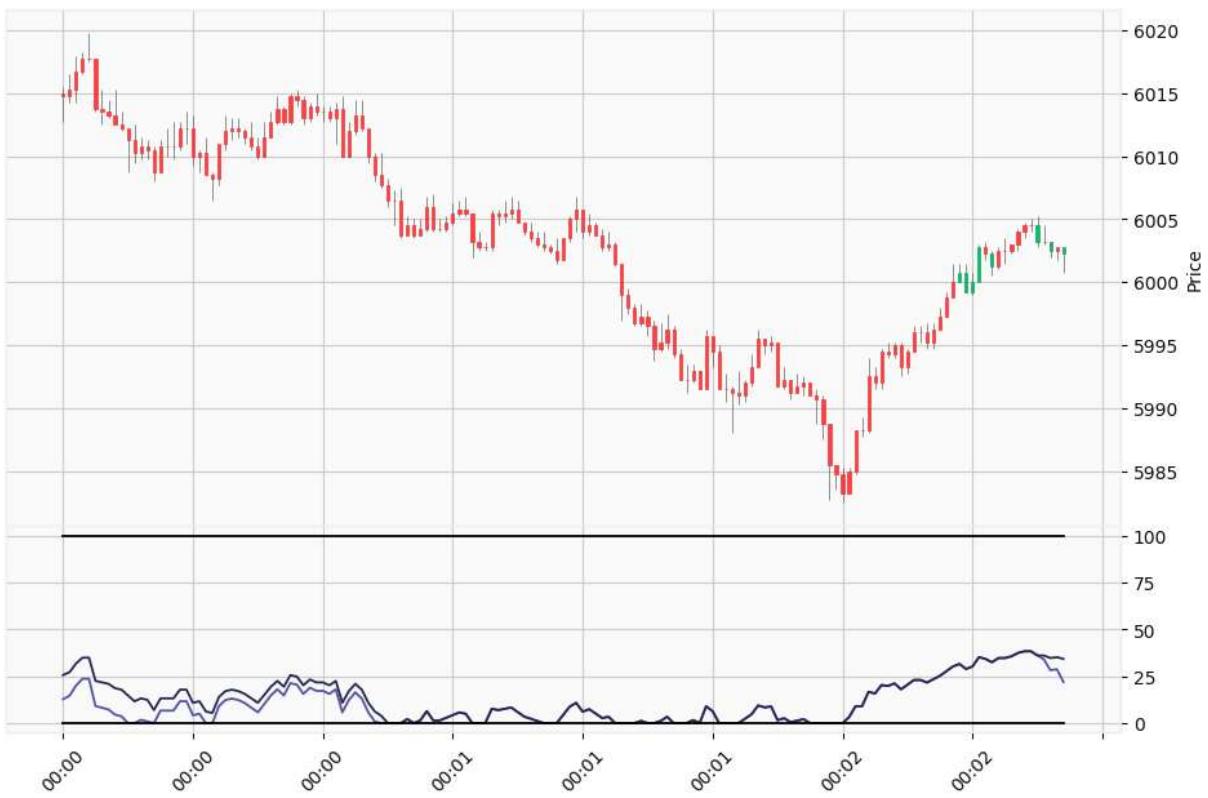
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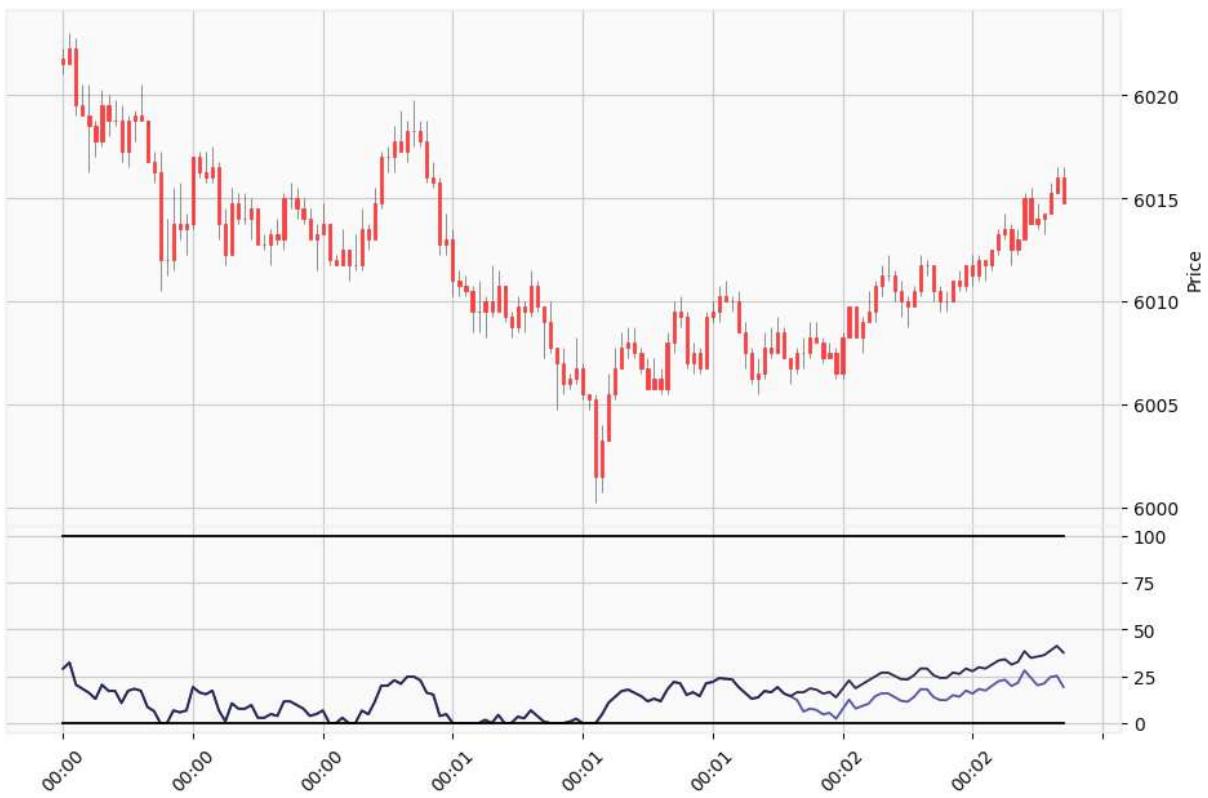
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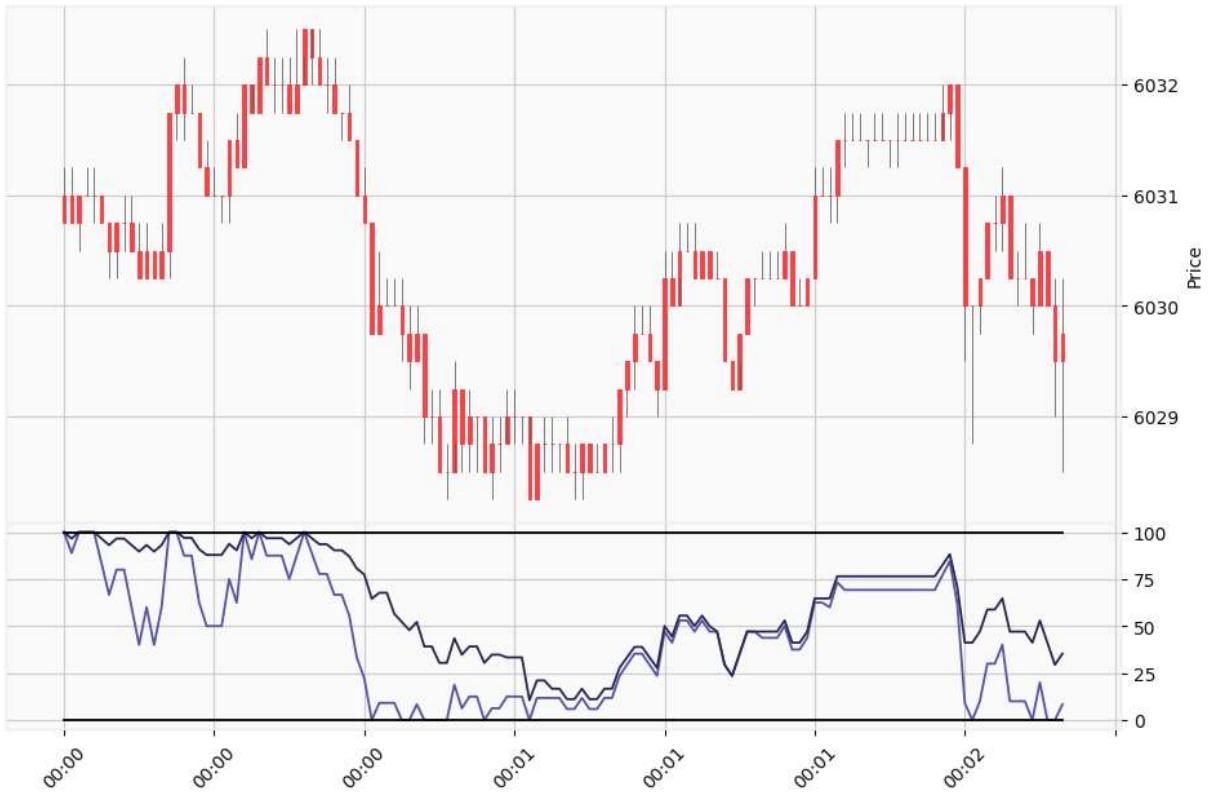
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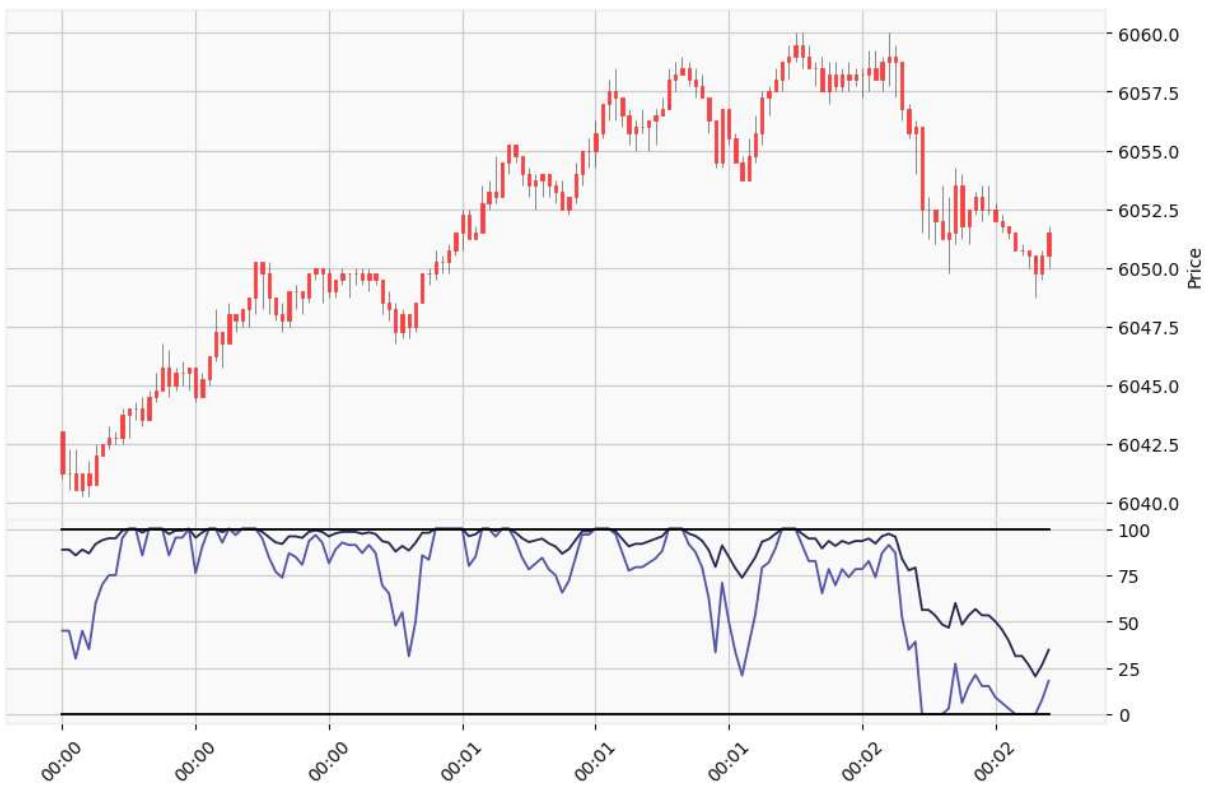
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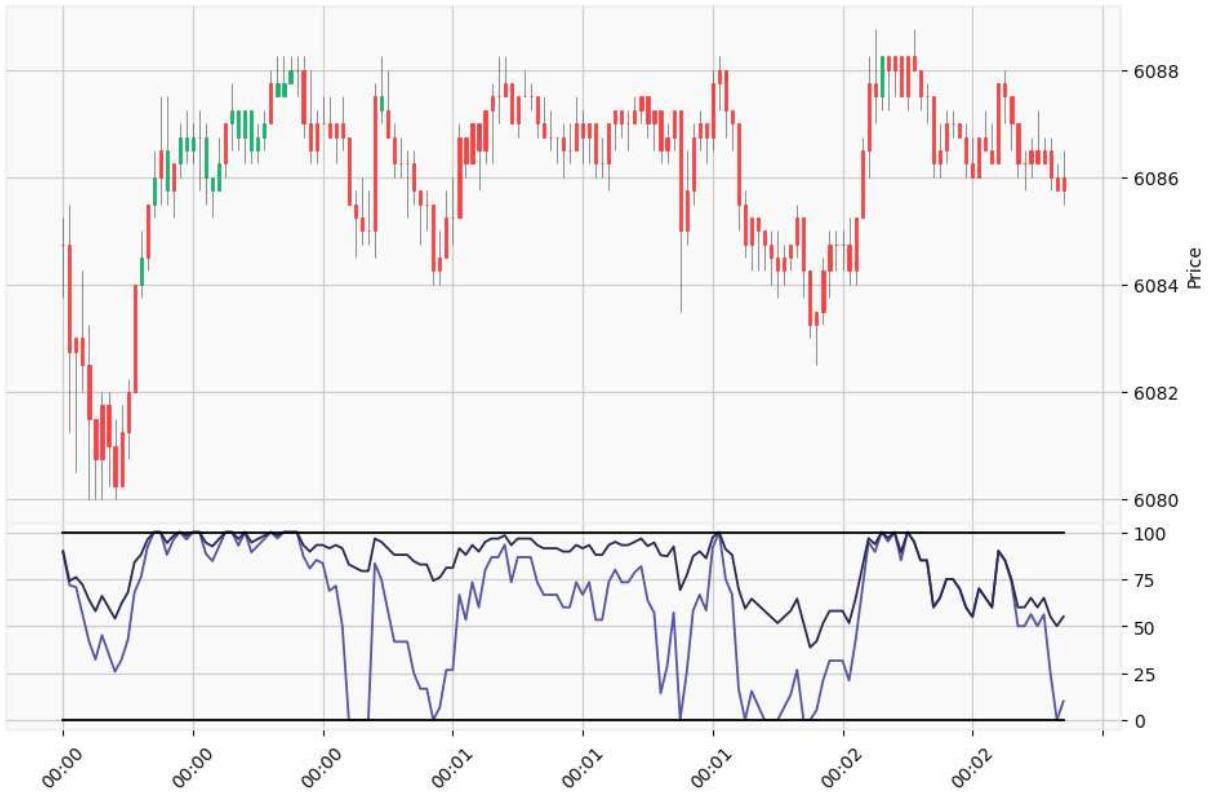
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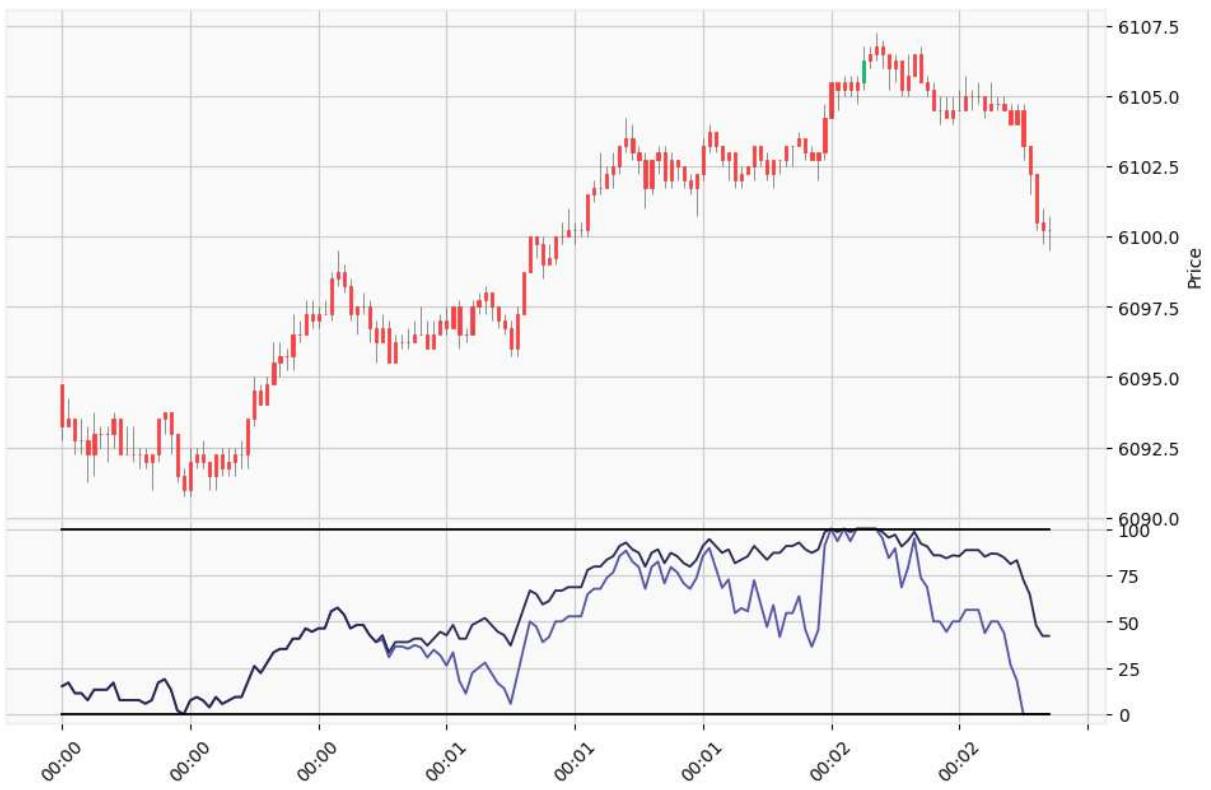
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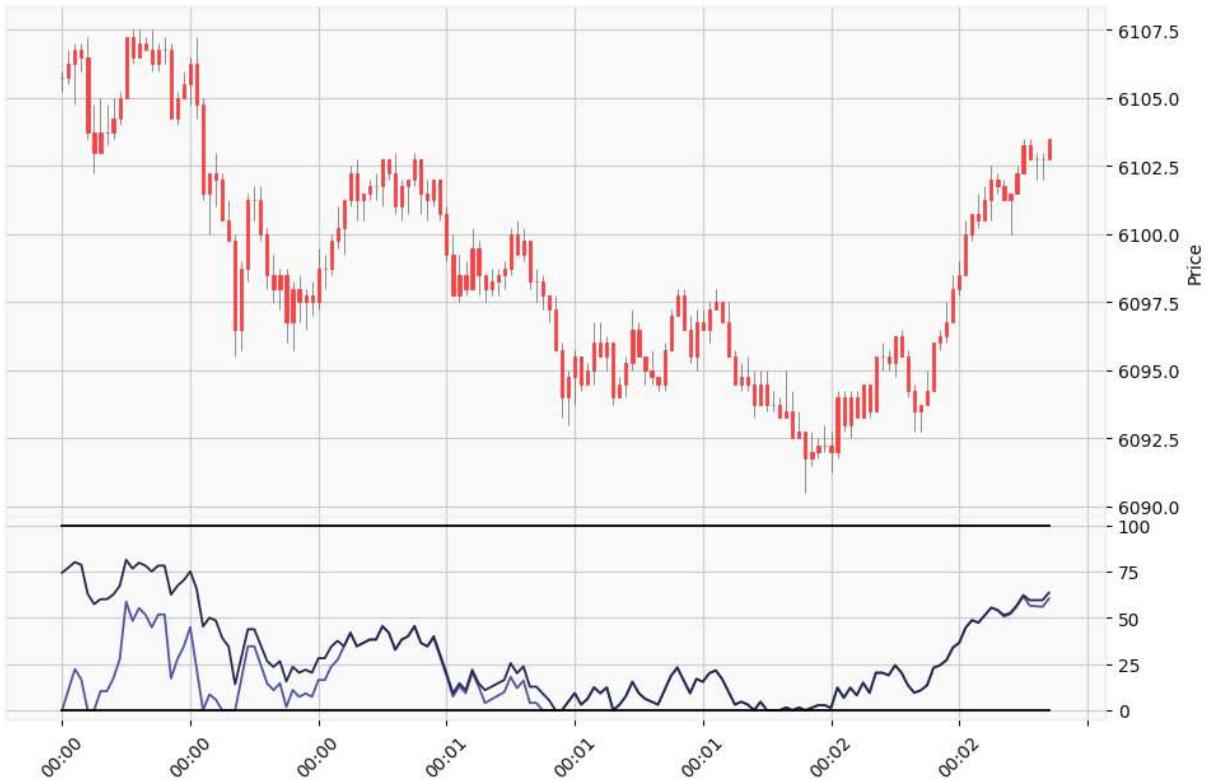
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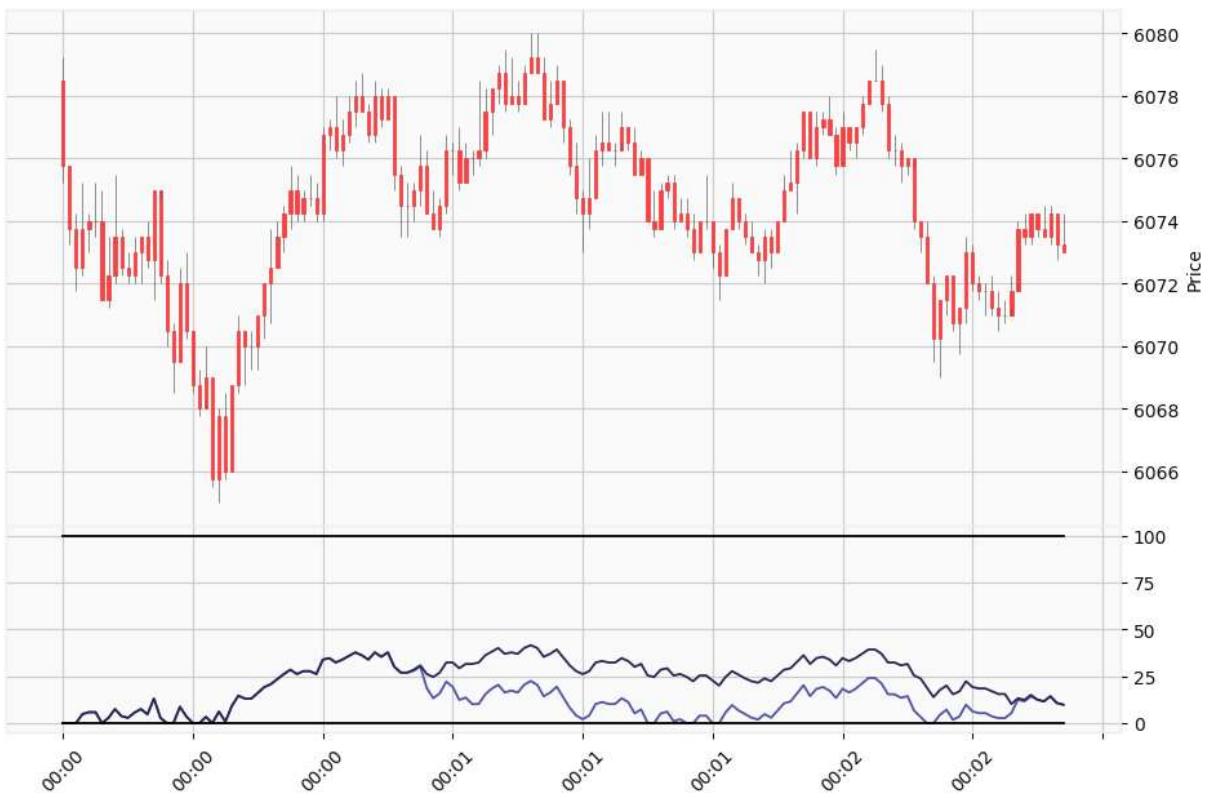
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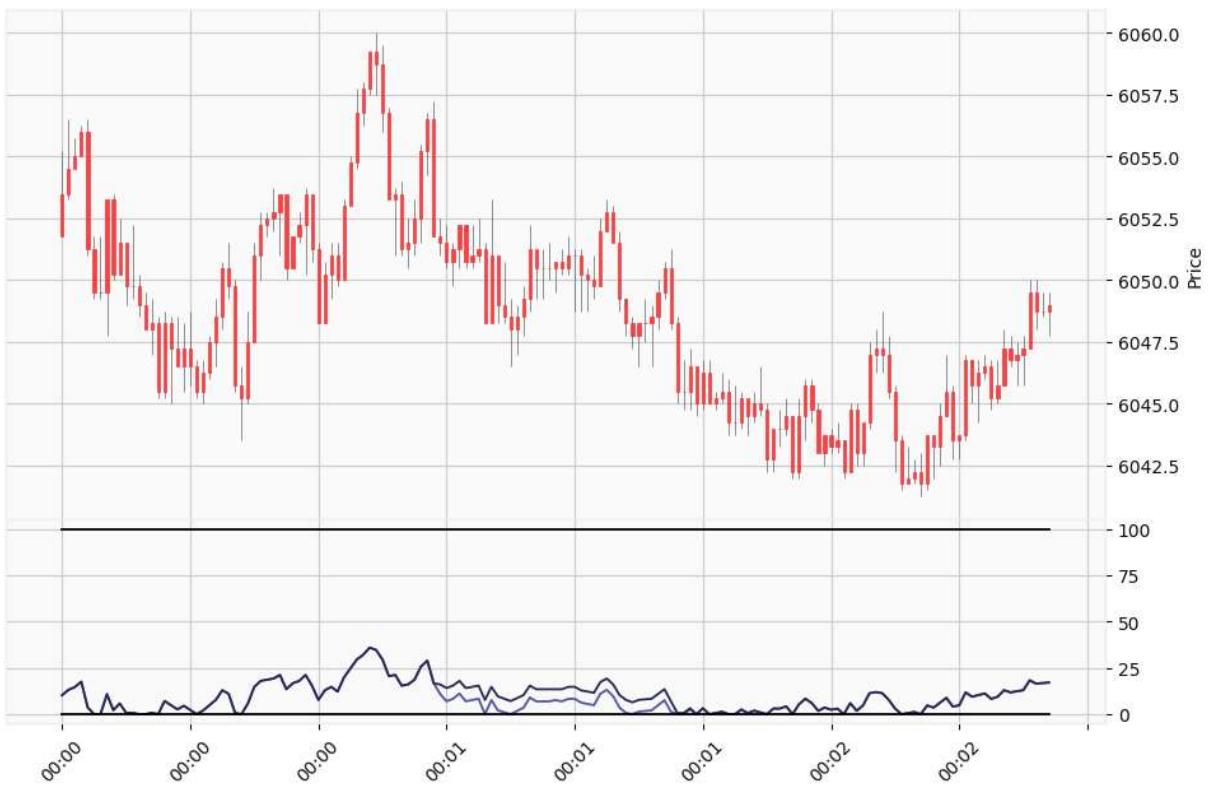


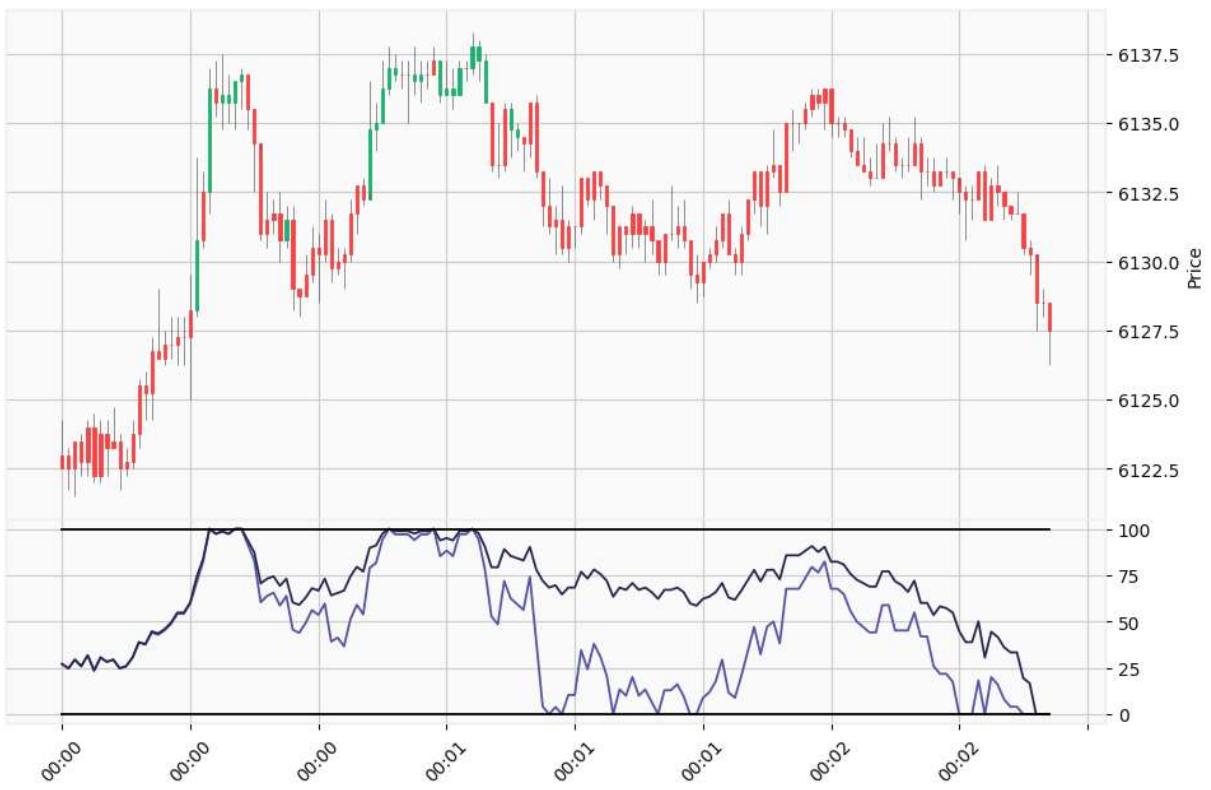
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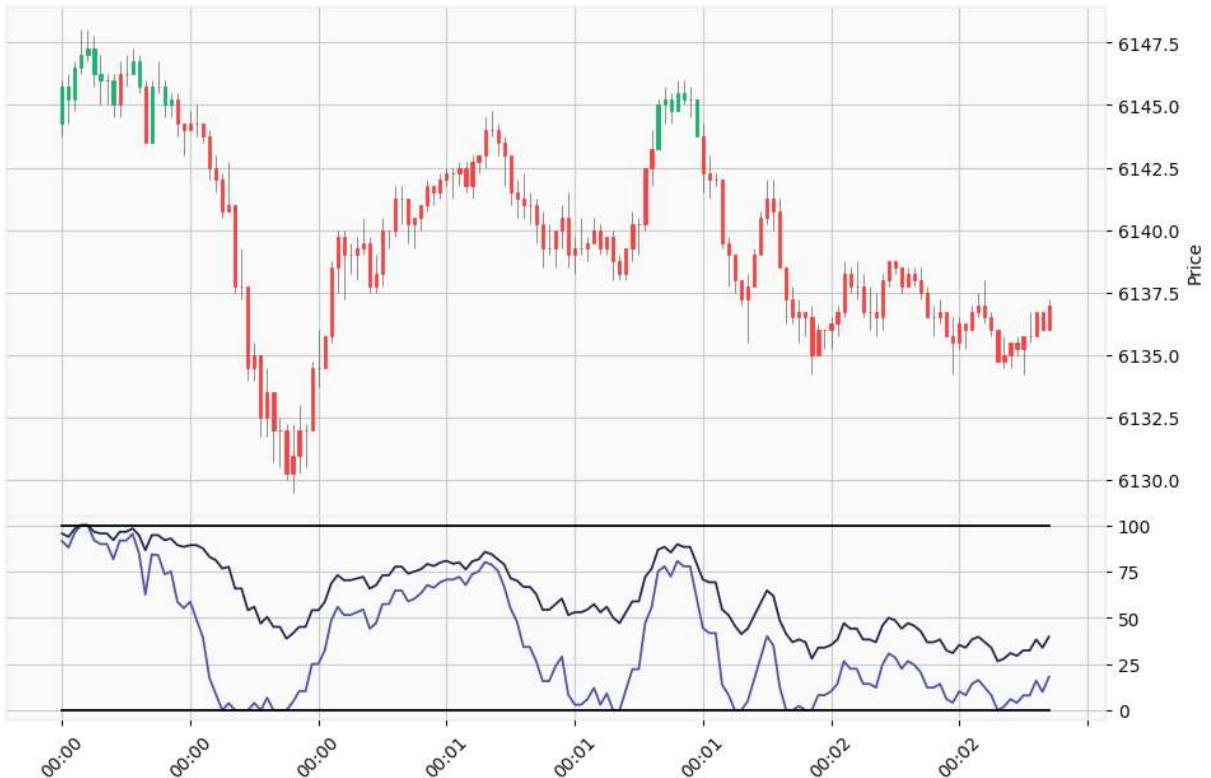
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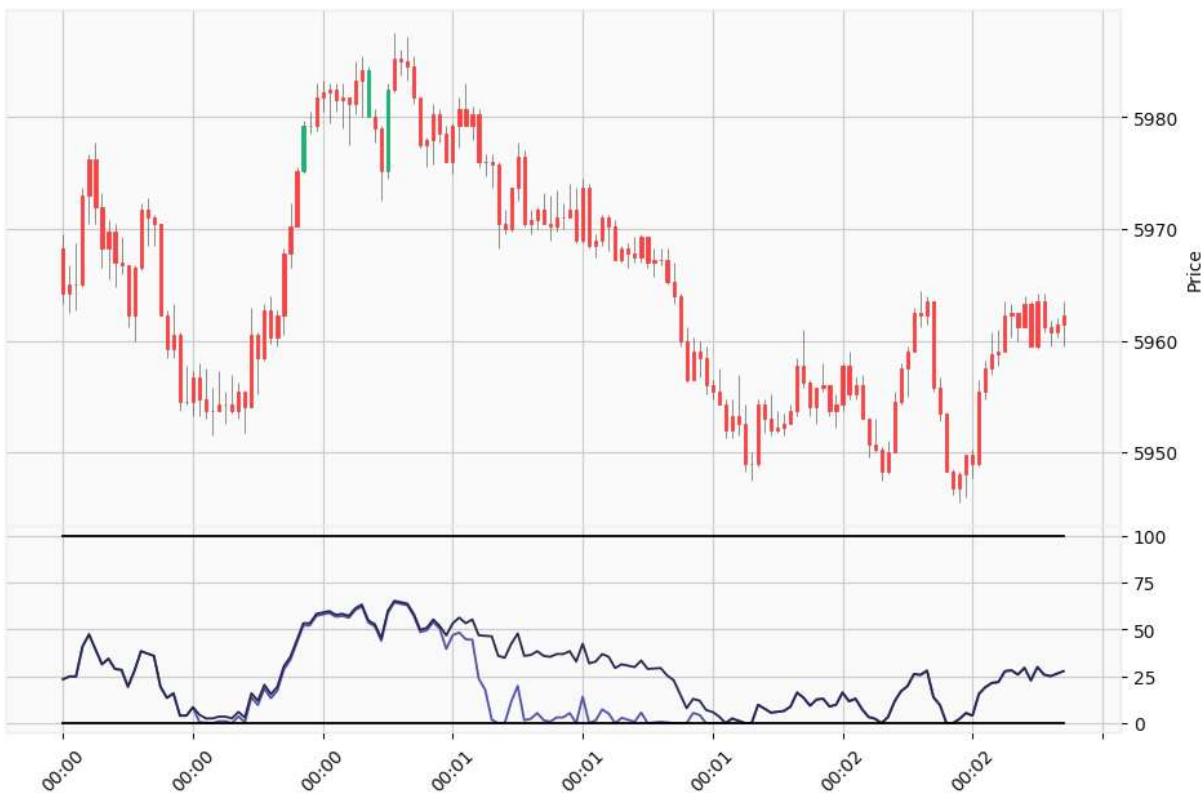




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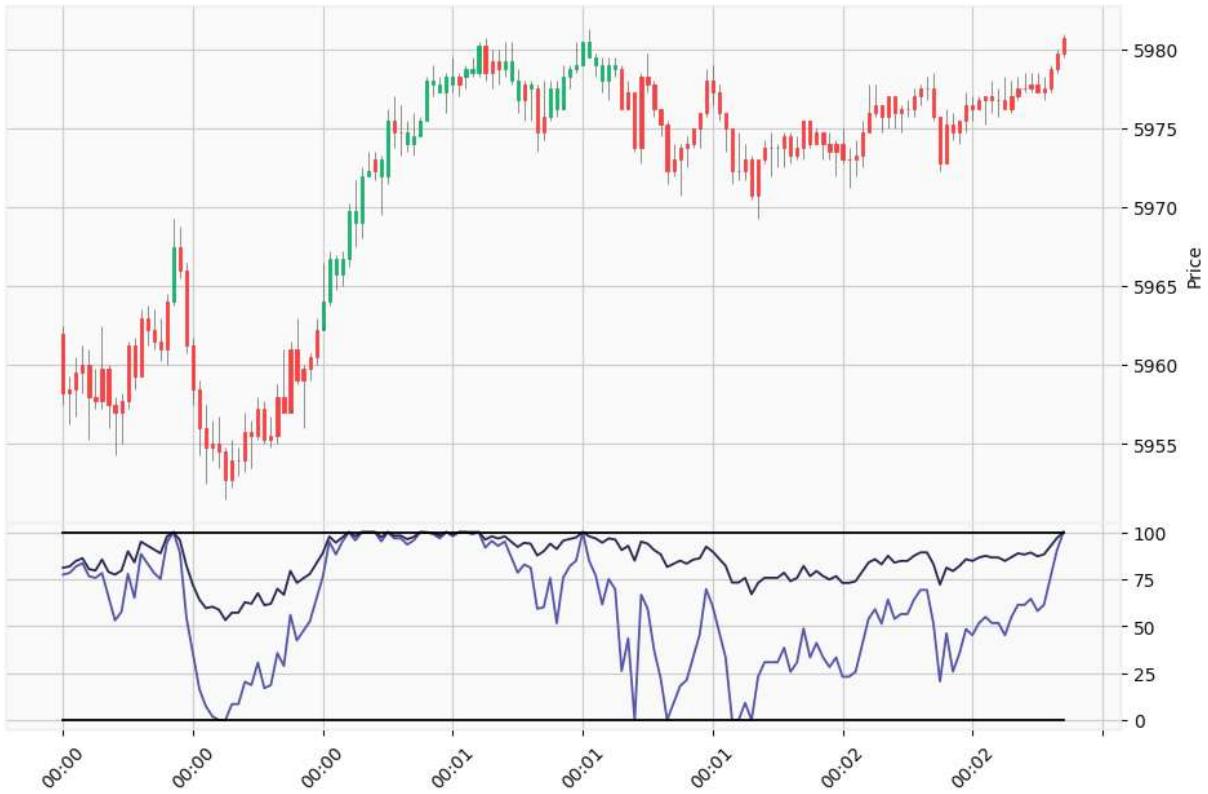
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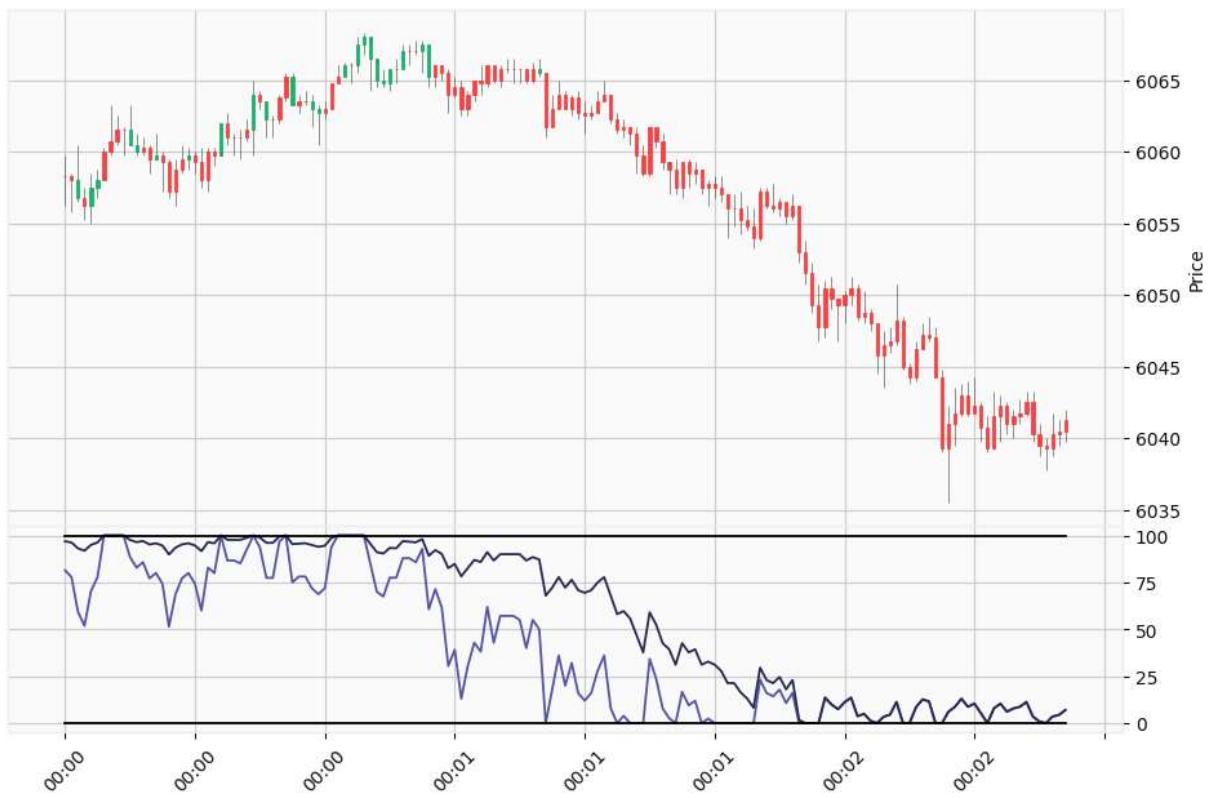
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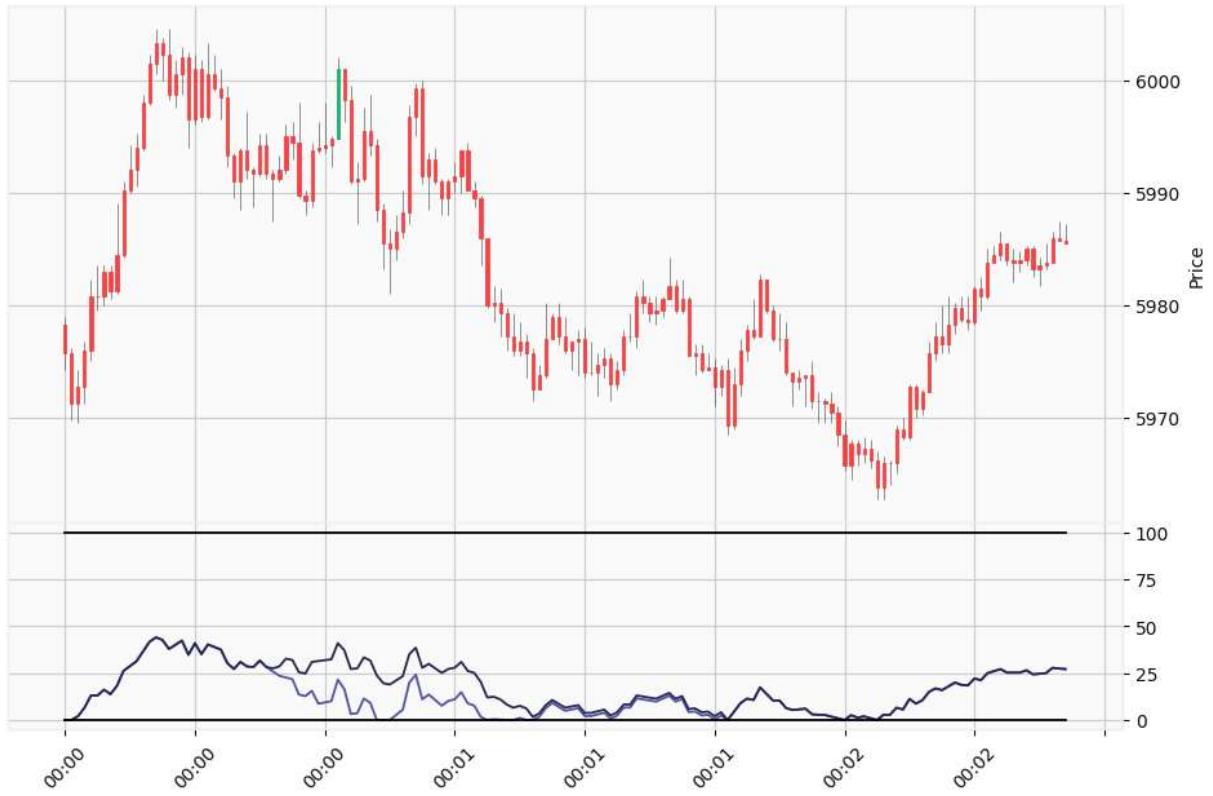
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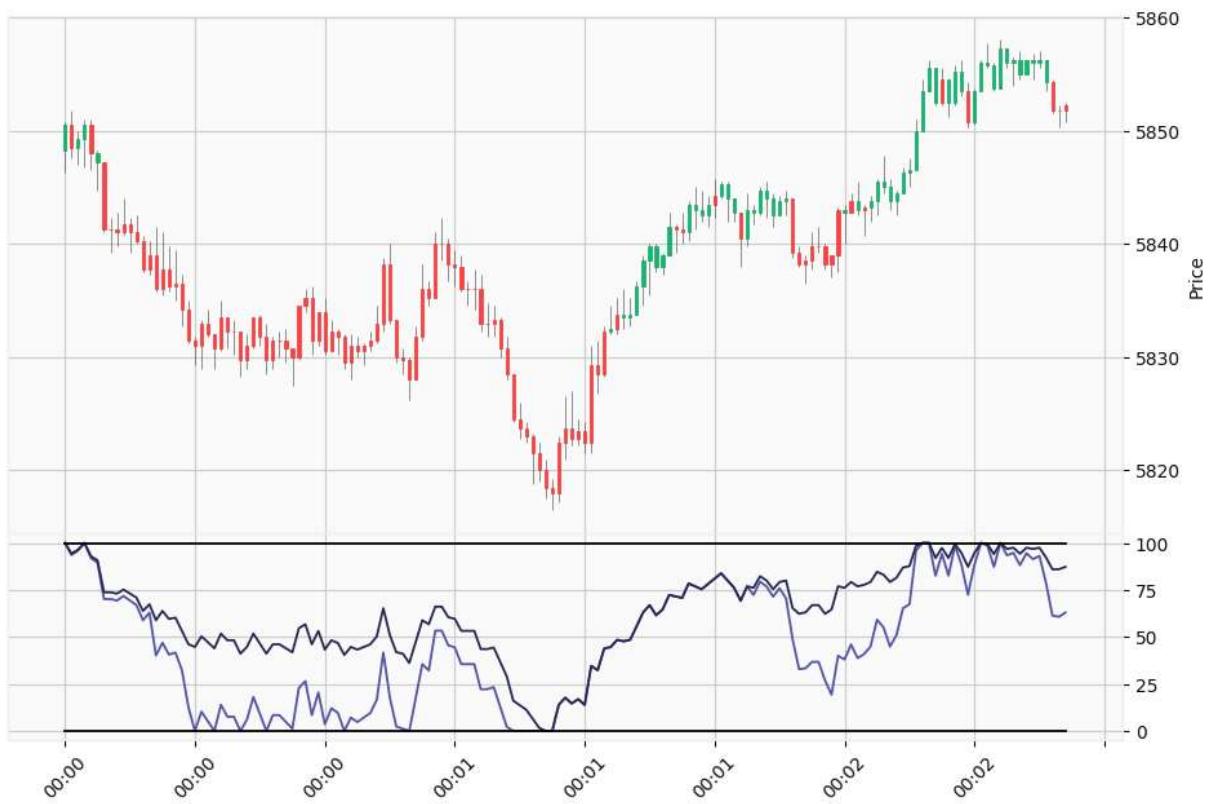
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