

The Indicator ZeroLag MACD is an indicator Moving Average Convergence/Divergence, MACD with zero delay. The Indicator ZeroLag MACD in contrast with standard MACD gives the signals on several bars earlier, but divergences/convergence denominated more obviously.

ZeroLAG MACD calculates on formula:

$$\text{ZeroLAG MACD}(i) = (2 * \text{EMA}(\text{Close}, \text{FP}, i) - \text{EMA}(\text{EMA}(\text{Close}, \text{FP}, i), \text{FP}, i)) - (2 * \text{EMA}(\text{Close}, \text{SP}, i) - \text{EMA}(\text{EMA}(\text{Close}, \text{SP}, i), \text{SP}, i));$$

$$\text{ZeroLAG MACD Signal}(i) = 2 * \text{EMA}(\text{ZeroLAG MACD}(i), \text{SigP}, i) - \text{EMA}(\text{EMA}(\text{ZeroLAG MACD}(i), \text{SigP}, i), \text{SigP}, i);$$

where:

EMA - exponential moving average;

Close - a price of the closing of the bar;

FP - a period of the quick moving average;

SP - a period of the slow moving average;

SigP - a period of the signal moving average;

