Communication Protocol Parameters

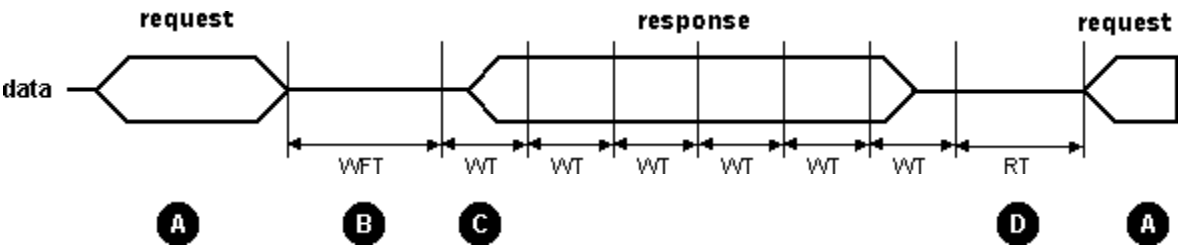## Communication stations - Communication protocol parameters

Parameters depending on the protocol type determine the communication protocol behaviour during communication with station. Parameters are entered into the input **Protocol parameters** edit field in the form:

PRM1=value;**PRM2**=value etc.

PRM1, PRM2 - names of parameters

In the following table the most commonly used protocol parameters are described together with the explanation of function, which are used mainly for asynchronous protocols of Request/Response type. Particular types of supported parameters for individual protocols can be found in documentations of protocols.

parameter	name	meaning
RC	Retry Count	Maximum number of request's repeats, until the communication protocol gets the requested response to the request.
RT	Retry Time [ms]	Time (in milliseconds) of request delay if the previous response is evaluated as invalid.
WFT	Wait First Time [ms]	The first delay of response reading after request transmission is finished.
WT	Wait Time [ms]	Delay between another data readings from the communication line before the response is completed.
MWR	Max Wait Retry	Maximum number of response reading repeats from the communication line before the response is completed. Between readings there is WT delay.

A	Request is repeated at most RC times.
B	The first WFT delay after massage transmission.
C	The next WT delays are repeated at most MWR times.
D	If the response is not valid, there is RT delay and the request is repeated.

ⓘ **Related pages:**

Communication station
Communication station - configuration dialog box