Communication Protocol Parameters

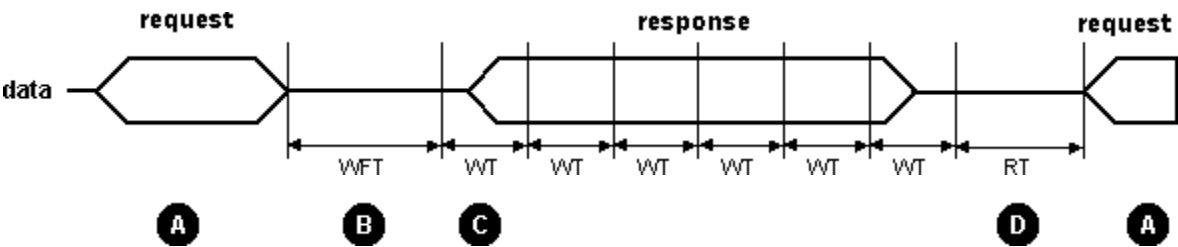## Communication stations - Communication protocol parameters

Parameters depending on the protocol type determine the communication protocol behavior during communication with the station. Parameters are entered into the **Protocol parameters** textbox 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. These are used mainly for asynchronous protocols of the Request/Response type. Particular types of supported parameters for individual protocols can be found in the documentation of protocols.

parameter	name	meaning
RC	Retry Count	The maximum number of request's repeats, if no response to the request is received.
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 before reading response after request transmission is finished.
WT	Wait Time [ms]	Delay between individual data readings from the communication line before the response is completed.
MWR	Max Wait Retry	The maximum number of response reading repeats from the communication line before the response is completed. Between readings, there is a WT delay.

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

> ⓘ **Related pages:**
>
> Communication station
> Communication station - configuration dialog box