8.11 #AAN

Description:

Reads the digital input counter value of specified channel.

Command Syntax:

#**AAN[CS]**(CR)	
#	Delimiter character
AA	Address of the device to be configured in hexadecimal format (00 to FF)
N	Digital input channel to be read (0 to F)
[CS]	Checksum
(CR)	Carriage Return

Response:

Valid Command: !**AAData[CS]**(CR)
Invalid Command: ?**AA[CS]**(CR)

!	Delimiter for a valid command
?	Delimiter for an invalid command
AA	Address of the device in hexadecimal format (00 to FF)
Data	If the counter mode of the device is set to 16-bit, then the data will be a five digit decimal representing the digital input counter value. (00000 to 65535) If the counter mode is set to 32-bit, then the data will be a ten digit decimal representing the digital input counter value. (0000000000 to 4294967295)
[CS]	Checksum
(CR)	Carriage Return

Examples:

Read counter value of digital input channel 3 and the returned value is 00274 as a five digit decimal value.
Command: #013(CR)
Response: !0100274(CR)

Read data from channel 9. An error is response is returned because channel 9 is an invalid channel.
Command: #019(CR)
Response: ?01(CR)

Note: This command is only applicable for the devices with digital input channels.