

1Ch PULSE Output, 0.5A/24VDC, Source



- The ST-5641 is the 1 Channel Pulse Source type Output module and has the output of 24VDC/0.5A.
Output frequency is 1 ~ 20,000Hz.
- Pulse output duty proportion is 50% Fixed, Ton>5us and Toff>5us TBD.
- It has 3 status LEDs, One for the network status, the others are for the status of the field device.

Items	1Ch Pulse Output Module
Output Specification	
Number of Channel	1 Channel, Source Type
Number of Outputs	2 Output/Channel
	2 Output (1 Pulse Output, 1 Pulse Direction Output)
Indicators	1 Green/Red FnBus Status 1 Pulse Output LED, 1 Pulse Direction Output LED
Output Current	0.5A/Output, 1A/All Output, short protection
Pulse Output Frequency	1~20,000Hz±1%, TBD
Pulse Output Duty	50% Fixed, Ton>5us, Toff>5us TBD
Pulse Output Quantity with One Command	Continuous Pulse Output Max. +1~32767 : Pulse Direction Output OFF Max. -1~32767 : Pulse Direction Output ON.
Pulse Output Counter	Signed 32bit-wide
Diagnostic	Yes, Short protection, TBD
Common Type	2Common
General Specification	
Power Dissipation	Max. 150mA@5.0Vdc, TBD
Isolation	I/O to Logic : Photocoupler Isolation I/O to Field Power : Non-Isolation
Field Power	Supply Voltage : 24Vdc nominal Voltage Range : 18~28.8Vdc Power Dissipation : Max. 40mA@24Vdc except Load, TBD
Wiring	I/O Cable Max. 2.0mm(AWG#14)
Weight	70g
Module Size	12mm x 99mm x 70mm
Environment Condition	Refer to Environment Specification

Pin No	Description	Pin No	Description
0	Pulse Output Channel 0	1	Pulse Direction Output Channel 0
2	-	3	-
4	Field Power 0V, Common	5	Field Power 0V, Common
6	Field Power 24V	7	Field Power 24V

Wire diagram

