

Pin	Signal	Description for connector type C091A
1	NC	Not connected
2	OUT/LO	Pulse output type open-collector connected to GND
3	+5V/2kΩ	+5V supply output through 2kΩ resistor for pull-up open-collector outputs
4	GND	Ground, IN LO
5	+12V	+12V supply output through 25Ω thermistor max 200mA
6	OUT HI	Pulse output type open-collector max 27V/100mA. For $f_{OUT} > 100\text{kHz}$ external 470Ω/0.5W pull-up resistor to pin 5 is recommended
7	IN HI	High impulse voltage input: $IN_L=0\dots2\text{V}$, $IN_H=4\dots27\text{V}$

OC Input pulse cable [2xTUL > C091A]	OC Input pulse cable		PC10/250
	PC10/250	PC10/250	
	OC Pulse OUT	OC Pulse IN	
	→	→	
OC Input pulse cable [BNC > C091A]	OC Input pulse cable		PC11/250
	PC11/250	PC11/250	
	OC Pulse OUT	OC Pulse IN	
	→	→	
Voltage Input pulse cable [2xTUL > C091A]	Voltage Input pulse cable		PC12/250
	PC12/250	PC12/250	
	U Pulse OUT	U Pulse IN	
	→	→	

Voltage Input pulse cable [BNC > C091A]	Voltage Input pulse cable	PC13/250
	PC13/250	PC13/250
	U Pulse OUT	U Pulse IN
	→	→
OC Output pulse cable [C091A > 2xTUL]	OC Output pulse cable	PC14/250
	PC14/250	PC14/250
	OC Pulse OUT	OC Pulse IN
	→	→
OC Output pulse cable [C091A > BNC]	OC Output pulse cable	PC15/250
	PC15/250	PC15/250
	OC Pulse OUT	OC Pulse IN
	→	→
Voltage Output pulse cable [C091A > 2xTUL]	Voltage Output pulse cable	PC16/250
	PC16/250	PC16/250
	U Pulse OUT	U Pulse IN
	→	→
Voltage Output pulse cable [C091A > BNC]	Voltage Output pulse cable	PC17/250
	PC17/250	PC17/250
	U Pulse OUT	U Pulse IN
	→	→
OC Output-Input pulse cable [C091A > C091A]	OC Output-Input pulse cable	PC18/250
	PC18/250	PC18/250
	OC Pulse OUT	OC Pulse IN
	→	→

