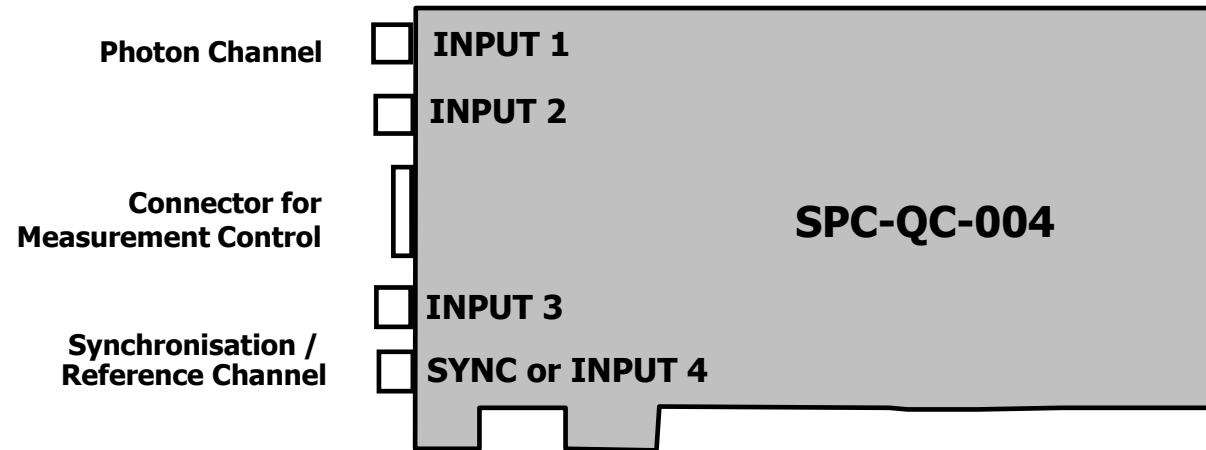
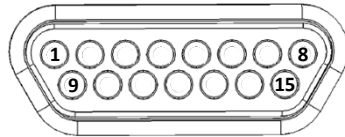


SPC-QC-004



Photon Channel (INPUT 1-4⁽¹⁾)

SMA Connector:

- Optimum Input Voltage Range: -30 mV to -500 mV
- Min. Input Pulse Width: 200 ps
- Event Rate: Up to 120 MHz

Connector for Measurement Control

Pin Out Micro Sub-D Connector (15 Pin):

- 1: +5 V (max. 100 mA)
- 2: Routing Signal, /R0
- 3: Routing Signal, /R1
- 4: Routing Signal, /R2
- 5: Ground
- 6: -5 V (max. 100 mA)
- 7: Routing Signal, /R3
- 8: Routing Signal, /R4, or Marker 2 ⁽²⁾
- 9: Routing Signal, /R5, or Marker 1 ⁽²⁾
- 10: ADD, or Marker 3 ⁽²⁾
- 11: +12 V (max. 60 mA)
- 12: Routing Signal, /R6, or Marker 0 ⁽²⁾
- 13: TRIGGER ⁽³⁾, or Routing Signal, /R7
- 14: CNTE
- 15: Ground

Synchronisation / Reference Channel (SYNC)

SMA Connector:

- Optimum Input Voltage Range: -30 mV to -500 mV
- Min. Input Pulse Width: 200 ps
- Frequency Range: 0 ... 120 MHz
- Frequency Divider: 1 - 2 - 4

(1) Input 4 is Available in Absolute Time Mode

(2) FIFO Mode

(3) If „Trigger Condition“ other than „None“