

## NTC temperature sensors



Cod.	Type	Range
NTC*HP*	10 kΩ±1%@25 °C, IP67	-50...105/50°C (aria/ fluido)
NTC*WF*	10 kΩ±1%@25 °C (Fast), IP67	-50...105°C (fast)
NTC*WP*	10 kΩ±1%@25 °C, IP68	-50...105°C
NTC*HF*	10 kΩ±1%@25 °C, strap-on, IP67	-50...90°C

## Room air quality sensors



DPWQ\*



DPDQ\*

### CO<sub>2</sub> sensors

Cod.	Range	Output
DPWQ402000	0...2000 ppm	0...10 V
DPDQ402000	0...2000 ppm	0...10 V

### CO<sub>2</sub> & VOC sensors

Cod.	Range		Output
	CO <sub>2</sub>	VOC	
DPWQ502000	0...2000 ppm	0...100 %	0...10 V, 0...10 V
DPDQ502000	0...2000 ppm	0...100 %	0...10 V, 0...10 V

## Differential air pressure sensors



Cod.	Range	Output
SPKT00C5N0	0...0.5 mbar	4...20 mA
SPKT0065N0	0...10 mbar	4...20 mA
SPKT0075N0	0...25 mbar	4...20 mA

## Differential air pressure switches/flow switch



### Pressure switches

Cod.	Range	Output
DCPD0001100	0.5...5 mbar	ON/OFF
DCPD001100	0.2...2 mbar	ON/OFF

### Flow switches

Cod.	Range	Output
DCFL0001100	1...9 m/s	ON/OFF

## Smoke and fire sensors



Cod.	Tipo	Output
SFFS000000	Rilevatore di fumo, alim 24 Vdc	ON/OFF
SFFF000000	Rilevatore di fuoco, alim 24 Vdc	ON/OFF

## USB /RS485 converter code CVSTDUTLFO/ CVSTDUMORO

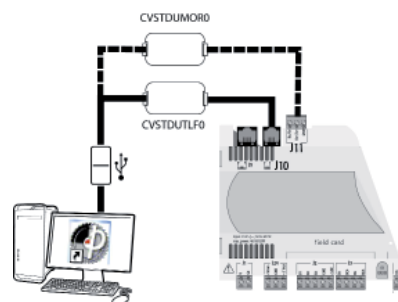


CVSTDUTLFO

CVSTDUMORO

The USB/RS485 converter code CVSTDUTLFO is used to connect a personal computer running the pCO Manager program to the pLAN port (J10) on the pCO controller, via a telephone connector. Alternatively, converter code CVSTDUMORO connects to the pLAN port (J11) or the BMS port, fitted with a special serial card. Once the connection has been made, the application program software can be loaded and the parameters set. See chapters "Software installation" and "Appendix".

## pCO Manager



This program, downloadable from <http://ksa.carel.com>, is used to modify the parameters based on the application, save them and then copy the settings directly to the application. The USB/RS485 converters codes CVSTDUTLFO/ CVSTDUMORO must be connected between the computer and the RS485 port on the pCO, to terminals J10/J11 respectively.

## Smart key cod. pCOS00AKY0



Smart key



PCOS00AKCO

The Smart key is an electronic device used to program and service the pCO family controllers. It simplifies the transfer of data between the controllers installed and a personal computer by exploiting the high capacity flash memory for storing software applications, BIOS and variable logs. The pCO is connected directly via the telephone connector using the cable supplied, while to transfer the data to a personal computer, the USB adapter code PCOS00AKCO is required. The power supply comes either via the USB port on the PC or from the controller, therefore no external power supply is needed.

## Optically-isolated fieldbus RS485 card code PCO100FD10



This card is used to connect the Fieldbus serial port on the pCO to an RS485 network. It is installed in the slot marked "field card", when needing to connect serial probes, CAREL VFD inverters or pCOe expansion cards.