## DIGITAL VACUUM SWITCHES

Changes the shape of these digital vacuum switches with respect to those previously described, from cylindrical to parallelepiped. However, the container in which they are enclosed remains in ABS and is also especially compact and extremely light to allow for its installation on board automatisms and near use. These carefully calibrated devices are able to provide very accurate measurement values. The detected values are shown on the display, making it unnecessary to use a vacuum gauge. The panel includes two LED indicators, one green and one red, which indicate the switching status of the two digital output signals. The switching outputs are completely independent. The switching points within the scale values, including hysteresis from 0 to 100\% of the set value, are easily programmable via the buttons located on the control panel. Other additional values can be programmed, such as
comparisons between values, NO and NC contacts, the choice of the units of measure, the blocking of functions and programmed values, etc. The vacuum connection can be made by means of a G 1/8" male or M5 female double threading connection. Electrical connection for art. 123010 is pushin with a M8-4 pin threaded jack. A connection cable can be provided in PUR upon request with corresponding axial or radial connector. Instead, art. 12 3010 A already has an integrated PUR, 2-metre long connection cable. The adjustment range of vacuum switch 123010 is from 0 to -1 bar, with two digital PNP outputs that can be set by means of Teach-in. The adjustment range of art. 123010 A , while it is also between 0 and -1 bar, can instead be interfaced with external logics via a 1 to 5 volt analogue output and two digital PNP outputs.
This series of digital vacuum switches is suitable for measuring and control of dry air and non-corrosive gases. These are recommended in all cases where maximum and minimum value signalling is required, set for safety reasons, in order to start a work cycle, to control suction cup gripping, and so on. In addition, with the hysteresis function, it is possible to manage the compressed air supply to the vacuum generators, allowing for considerable energy savings.


123010


123010 A


PNP


123010 A

PNP


123010


