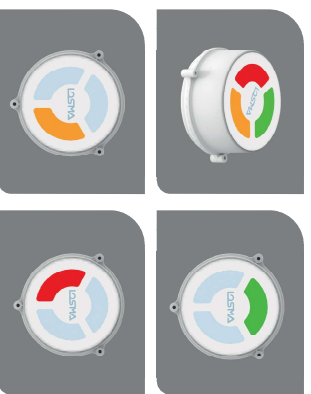# Optional

Filter clogging X-VIEW sensor

The new X-VIEW sensor is able to detect the progressive clogging state of the Galileo Extra filters, signalling three main operating phases (Led version):

• GREEN: Clean Filters;
• YELLOW: Pre clogging;
• RED: Clogging.

Patent application filed

Also thanks to an exclusive software, it is possible to detect possible ANOMALY conditions:

• Upstream obstructions (piping, grid, etc,);
• Zero flow.

Thanks to an integrated TIMER, X-VIEW sensor allows to know when 15,000 working hours (ex. 5 years/ 8 hours per day) have been achieved, which is the recommended threshold for the check of the filter set.

X-VIEW sensor can be positioned on Galileo Extra or in any other part of the machine tool where the operator is more comfortable reading the data. Thanks to the Self-learning button, it automatically sets itself to the initial values, making installation extremely easy.
From that time, all flow changes are measured according to the GREEN, YELLOW, RED scale.

X-VIEW works with all accessories (G-Guard Plus, G-Clipper Plus, Horizontal input) and it can be integrated with the CNC of the machine tool (IoT Ready version), providing feedback in real time on the air filter conditions.

The sensor comes in two versions:

X-VIEW Led version

Through a luminous signal it shows:
• the filter clogging status: Clean Filters - Pre-clogging - Clogging.
• Possible upstream obstructions: instantaneous or progressive obstructions of the inlet pipe or suction grid in the machine cabin (e.g. chip or liquid build-up).
• Zero flow alarm: e.g. Galileo Extra turned off, motor not working or turned off, piping disconnected).
• Timer: It indicates the achievement of 15,000 working hours (the threshold recommended for check of filters).
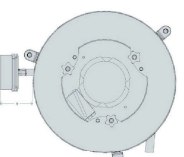
X-VIEW IoT Ready version

• Transmission of data directly to the CNC machine by cable related to:
• The filter clogging status: Cleaned Filters - Pre-intasamento - Clogging.
• Possible upstream obstructions: instantaneous or progressive obstructions of the inlet pipe or suction grid in the machine cabin (e.g. chip or liquid build-up).
• Zero flow alarm: e.g. Galileo Extra turned off, motor not working or turned off, piping disconnected).
• Timer: It indicates the achievement of 15,000 working hours (the threshold recommended for check of filters).
• Remote or CNC control:
• Configuration conditions: possibility to configure the main monitoring parameters in real time.
• Re-setting of the alarms.
• Timer resetting.
• Zero flow.

Technical data

X-VIEW LED
• Voltage: 24V DC
• Signal type: LED display
• Size: Dimensions: A = 110 mm
              Ø = 115 mm

X-VIEW IoT Ready
• Voltage: 24V DC
• Signal type: Digital
• Size: Dimensions: A = 110 mm
              Ø = 115 mm