

Eltex Flexi-Hub

Interface unit for G3s, EVG-s and UPG sensors

INFO LEAFLET



The Flexi-Hub is a unit that works as an interface between Eltex standalone yarn break sensors and machines without a PLC or when connection to the machine PLC is not possible.

The unit has a relay output which makes it easy to connect to the machine.

The unit is intended to be fitted on a DIN-rail in the control box of the machine.

■ Technical features

- The relay will energize if any of the yarns in active positions are not moving when the machine is operating.
- With the start delay potentiometer it is possible to delay the start of sensing mode in case the machine is starting up slowly.
- With the stop delay potentiometer it is possible to avoid false stops of the machine.
- With the sensitivity push button it is possible to adjust the sensitivity in the G3s or EVG-s yarn break sensors. (It has no effect on UPG sensors).
- Learn function sets active channels in G3s sensors and resets EVG-s sensors. (It has no effect on UPG sensors).

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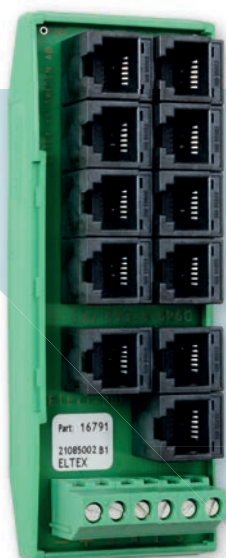


Flexi-Hub

■ Flexi-Hub dimensions (mm) and specifications Eltex part No. 15781

Length	90 mm
Height	58 mm (68 mm including the knobs)
Width	53,4mm
Power supply required	24 V DC (17 - 30 V DC)
Relay Contact load	3A / 250V AC
Maximum number of sensors to be connected:	
G3s sensors	15
EVG-s sensors	50
UPG or UPG-Stitch	50

This is also depending on the capacity of the power supply unit used to power the Flexi-Hub.



16791



UPG
UPG-Stitch

■ Connection of UPG sensors

When connecting UPG or UPG-Stitch sensors to the Flexi-Hub, the connection board 16791 must be used between the sensors and the Flexi-Hub.

Up to 8 UPG/UPG-Stitch sensors can be connected to each board and if more sensors are needed more 16791 connection boards can be added.

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