

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).



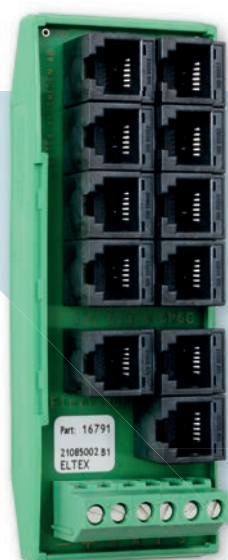


Flexi-Hub

■ 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.

ELTEX
OF SWEDEN

Södra Portgatan 19, SE-283 50 OSBY, Sweden | Tel: +46 479 536300 | Email: info@eltex.se | www.eltex.se

Eltex U.S., Inc.
13031 E. Wade Hampton Blvd.,
GREER, South Carolina, 29651, USA
Tel: +1 864-879-2131
Email: sales@eltexus.com

Eltex Manufacturing Ltd.
Railway Road,
TEMPLEMORE, Co. Tipperary, Ireland
E41HX65
Tel: +353 504-314 33

POLSA-ELTEX, S.L.
Zamora, 103 – entlo 3o,
ES-08018 BARCELONA, Spain
Tel: +34 93 309 00 17
Email: polsa@infonegocio.com

Eltex China (Beijing) Trading Ltd.
HongkunYun Times B4 207,
Yizhuang Kechuang 12th street,
Daxing, Beijing, China
Tel: +86 10 6506 6468
Email: chuan.jiang@eltex.cn
Web: www.eltex.cn