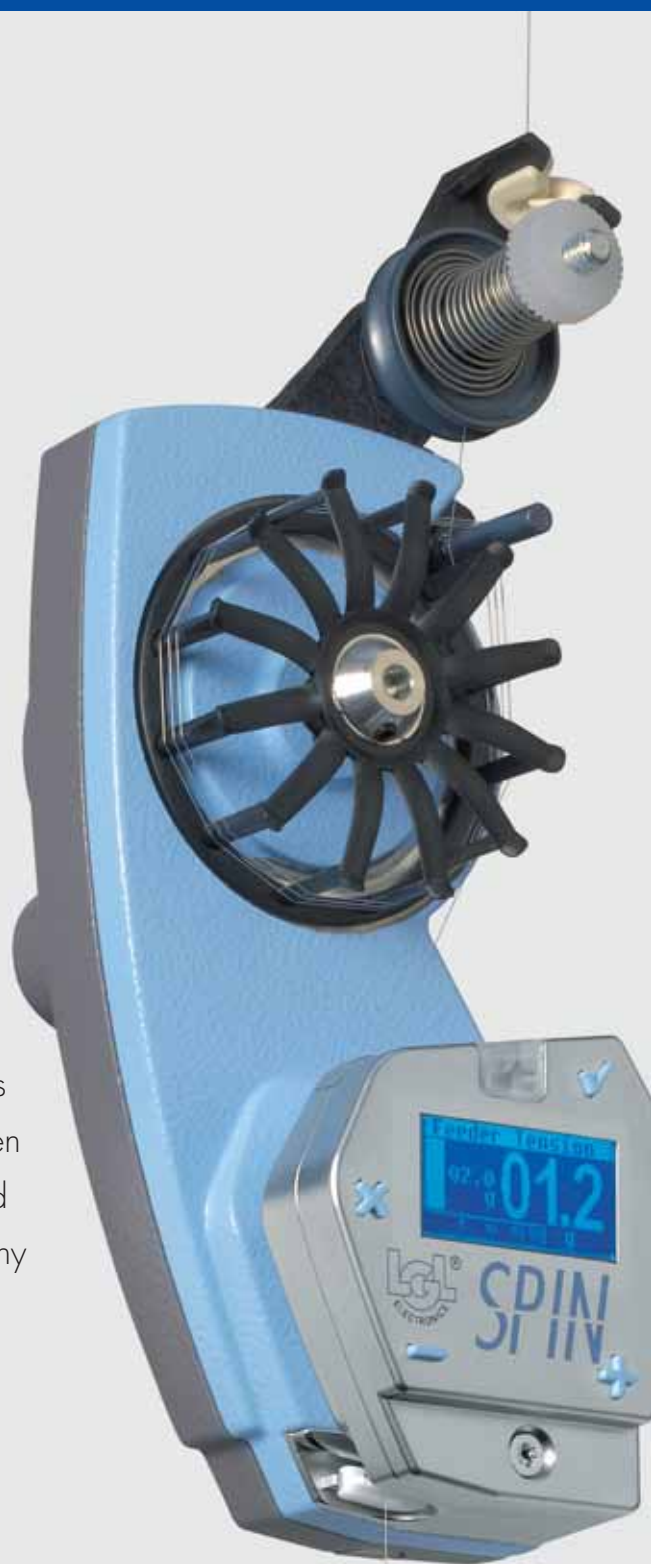


# SPIN

LGL Electronics enlarges its range of feeders dedicated to knitting machines with a new tension controlling device: SPIN. The precision of a new ceramic tension sensor, electronically driven, the use of best materials: like aluminium, and the fully dedicated development of mechanics and electronics give LGL the chance to open up new horizons in the field of yarn tension control at any speed.



## Main Features:

- It reacts quickly to speed changes without producing tension peaks
- Maximum torque available over a large speed range (in particular at low speeds)
- Particular attention to power consumption
- Yarn measurement system
- Ease of installation and use (easy installation and use)
- Serial and CAN BUS communication
- Connections: with flat or single cable
- Ceramic tension sensor: it grants precision, accuracy and quick response



Aluminium body



Brushless motor  
LGL design



Adjustable windings  
separation: 0 – 3 mm

Electronic Board



Low friction spool  
body



Display: fully graphic,  
high contrast



Load cell



Alarm lights

#### Characteristics:

- Range of yarns: bare and covered elastomeric yarns
- Spool body Diameter: 43 mm
- Tension range: from 0.5 g to 50 g

- Maximum speed: electronically limited to 1700 m/min (32VDC) or 1100 m/min (24VDC)
- Dimensions: 140 mm long, 60 mm wide, 50 mm deep
- Weight: 350 g