



GREENTECH

MV GREENTECH PVT LTD.



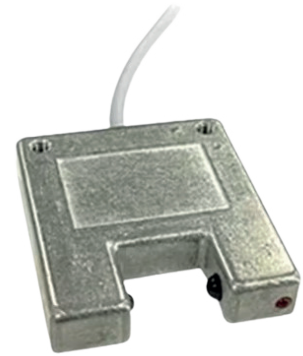
Product Catalogue

Ultra Precision Sensing Solutions

TEXTILE SPECIFIC SENSORS

CONTACTLESS YARN DETECTOR

- Easy installation, providing dedicated cables or interfaces
- Standard 24 volt DC supply
- Built-in direct control signal system
- Suitable for textile processes such as winding, twisting, doubling, and synthetic fiber deformation



a) Yarn Optical Sensor

Model Name: DU17 24VDC NPN PNP NC for textile, 51*45*10mm

Model Name: DU30 NPN PNP NC for textile, Size: 51*45*10mm

b) Yarn Capacitive Sensor

Model Name: DU3A NPN PNP NC for textile (Size: 53*25*20mm)

Model Name: DU3B NPN PNP NC for textile (Size: 60*28*14mm)

Model Name: DU3C NPN PNP NC for textile

Housing material	Aluminum
Sensing method	Photoelectric
Output	NC
Control output	200mA
Protection Degree	IP67
Operating Temperature	-20°C-+55°C
Objects could be detected	Yarn, cotton thread, silk thread
Minimum test	0.02mm
Feeling silk speed	50m/min-3000m/min
Connection	PVC cable 2m

TEXTILE SPECIFIC SENSORS

c) Textile Gear Speed Sensor Switch Directionless Series

Model No.	SK-41920	SK-41920C
Shape	Lead wire	Connector
Sensing Distance	1.5mm	
Output Type	NPN,PNP	
Output Voltage	LOW:≤0.3V High:≥90%inV	
Output Current	100mA	
Operating Voltage	12-30VDC	
Accuracy	+/-1Pulse	
Current Consumption	≤15mA	
Response Frequency	0-500Hz	
Modulus	Tooth Spacing:≥1.5mm	
Ambient Temperature	-25-70°C	

LOAD CELL TENSION SENSOR

- Force measurement applied to yarn blending and twisting processes
- Standard 24 volt DC supply
- Quality assurance
- Easy installation



TEXTILE SPECIFIC SENSORS

Model Name: XB yarn tensioner acuteness sensor for textile industry

Size	M4*20mm	Leakage Current	<0.01mA
Reflection mode	Diffuse	Frequency	100Hz
Sensing Distance SN [m]	100/130mm adjustable	Response Time	5ms
Housing material	Brass nickel plated	Short Circuit Protection	YES
Operating voltage	10-36VDC	Overload current protection point	180mA
Switching Hysteresis	<15%	Operating Temperature	0-55°C
Light source	Infrared light(660nm)	Ambient Humidity	35-85%RH
Max Current Output	150mA	Protection Degree	IP65
No Load Current	<10mA	Temperature drift	<10%(Sr)
Voltage Drop	<1.5V	Connection	PVC cable 2m

Model Name: TX yarn tensioner 24V for textile industry

Product Name	Tensioner
Product Model	MVGT750-TX1YW
Rated Torque	750g.cm
Rated current	200mA
Voltage	24VDC
Coil Resistance	102Ω
Rated Slip Power	10min <2%, continuous <1%
Maximum Speed	5000 rpm
Weight	830g
Torque Accuracy	±1.5%

Model Name: Allma Direct Twist TX yarn tensioner accutense 24V for textile industry

Supply voltage:15-30VDC

Voltage output:0-5V

Tension scope:0-400G

Cable length:40cm

Electrical connection

Connector:PIN3-2.54