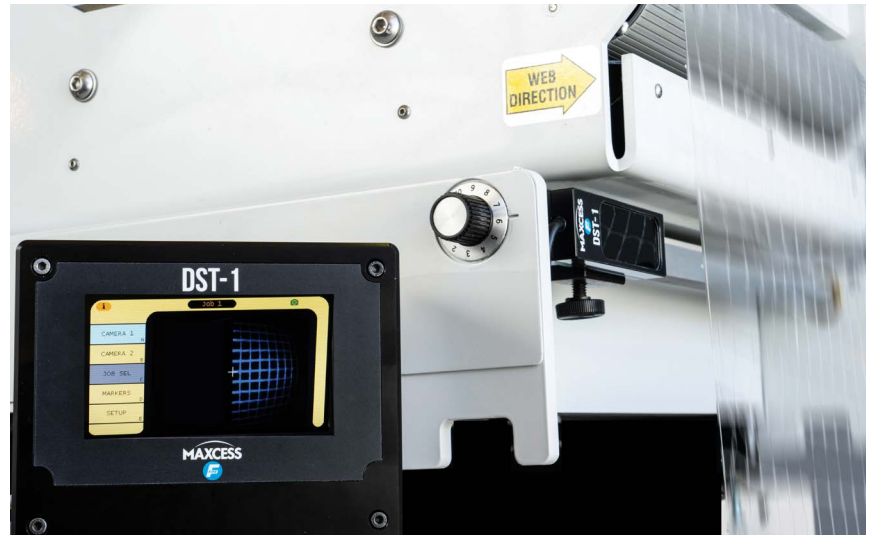




The DST-1 sensor from Fife brings a revolutionary breakthrough in sensor technology to guide the most challenging materials other sensors simply can't. The DST-1 requires no external light source or reflector and offers the ability to detect the web from one side.

In addition, with an intuitive touchscreen for setup and calibration, changing materials is a breeze.

From mesh material to wire gauge and frayed materials, challenging materials are no problem for the DST-1.



GENERAL SPECIFICATIONS

Operating Temperature:

0 to 60°C
(32 to 140°F)

Sensor Dimensions:

112 x 34 x 18 mm
(4.4 x 1.3 x 0.7 inches)

OI Dimensions:

156 x 126 x 66 mm
(6.1 x 5 x 2.6 inches)

Sensor's Working Spectrum:

NIR (near infrared)

OI Display Type:

Color Touchscreen
480 x 272 pix

Sensor Update Range:

83 Hz

Operating Current:

24 VDC/0.3A
12 VDC/0.35A

Voltage Input Range:

10–26 VDC

Analog Output Range:

0–20 mA
(at nominal load 100 Ω)

Field of View (at distance):

70 mm (at 20 mm) to
250 mm (at 250 mm)

Resolution (at distance)

0.167 mm (at 20 mm)

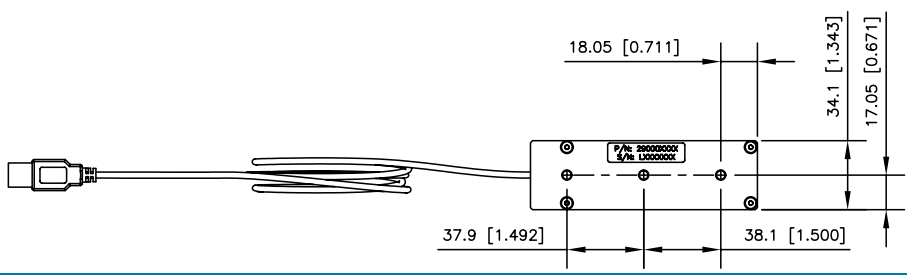
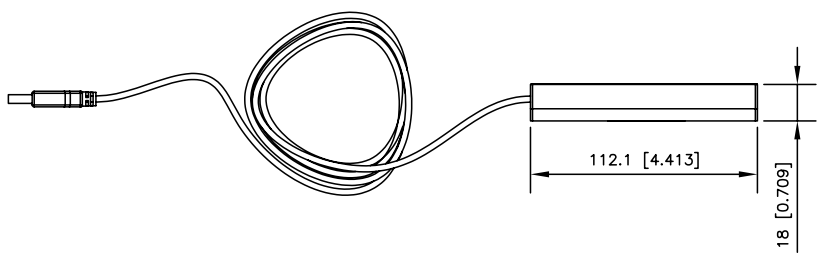
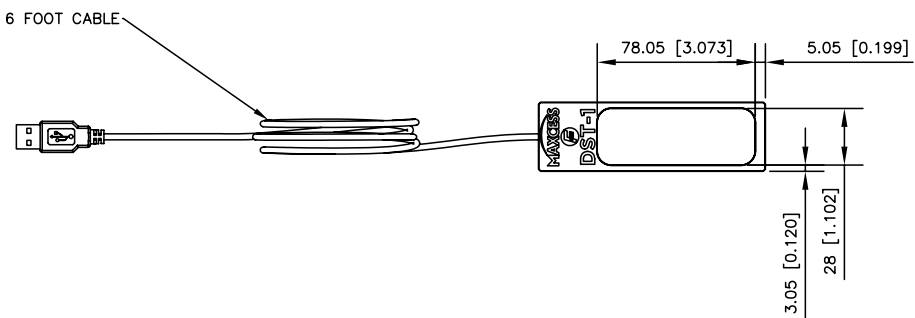
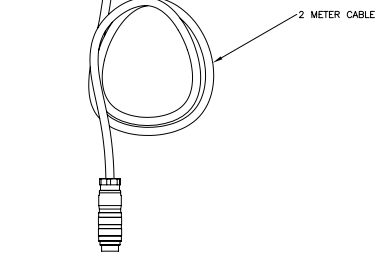
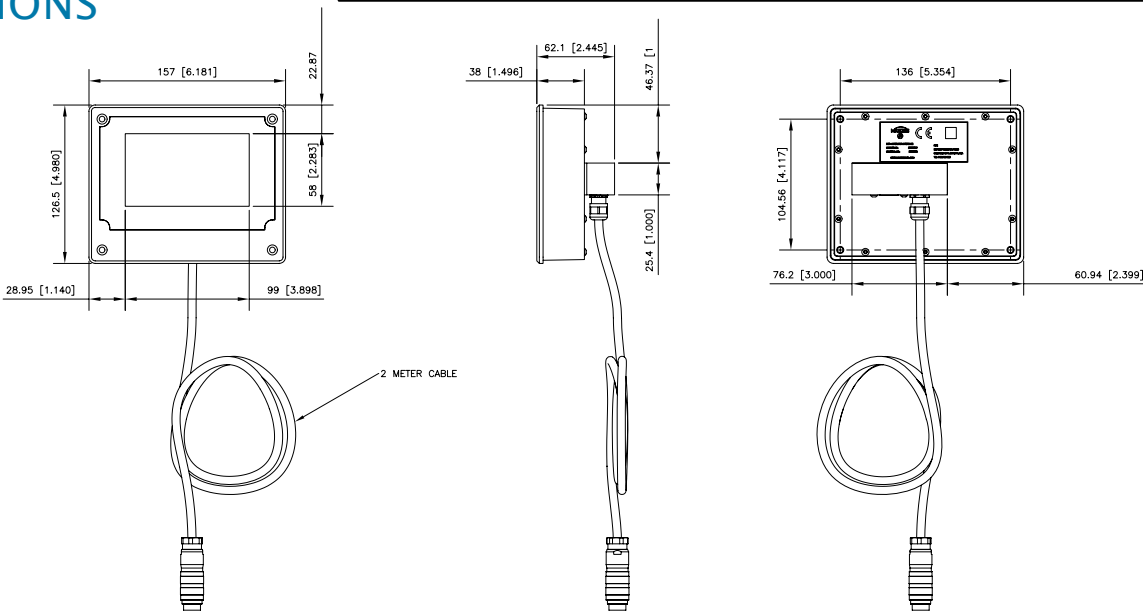
IP Rating:

IP54

KEY FEATURES

- Multiple cameras to detect material
- Able to guide the most challenging materials
- Easy setup
- No external light source or reflector required
- Detects web from one side

DIMENSIONS



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