

S30 / S40 / S400

SEAM DETECTORS with 2 Gain Levels



S30



"Classic" 3rd generation Seam Detection sensor, in operation since 1997
Operates even in very low fabric speed due to **GMR (solid state)** technology.
Single piece compact design eliminates extra space needed in control panel
Sensitivity adjustment (Hi-Lo).
Suitable for seam detection for fabric unloading and circulation period monitoring.

S40



New generation sensor with **inductive** technology.
Single piece compact design eliminates extra space needed in control panel.
Sensitivity adjustment (Hi-Lo).
Suitable for seam detection for fabric unloading and circulation period monitoring.
Best price/performance for basic seam detection applications.

S400



New generation sensor with **"twin" inductive** technology.
Double processors keep track of seam magnet for guaranteed detection.
Single piece compact design eliminates extra space needed in control panel.
Sensitivity adjustment (Hi-Lo).
Guaranteed solution for seam detection for fabric unloading, sampling and cycle control.

	S30	S40	S400
Sensing Distance	Normal 0-25 +/- 5 cm High 0-35 +/- 5 cm	Normal 0-25 +/- 5 cm High 0-35 +/- 5 cm	Normal 0-25 +/- 5 cm High 0-35 +/- 5 cm
Sensing Speed	0.02-10 m/s	0.1-10 m/s	0.1-10 m/s
Sensing Magnet	AlNiCo and Samarium Cobald (Min. 0.5 Oe)	AlNiCo and Samarium Cobald (Min. 0.5 Oe)	AlNiCo and Samarium Cobald (Min. 0.5 Oe)
Excitation Voltage	24 V DC	24 V DC	24 V DC
Load Driving	100 mA (24 V AC/DC)	100 mA (24 V AC/DC)	100 mA (24 V AC/DC)
Operating Temperature	0 - 95 °C	0 - 95 °C	0 - 95 °C
Output Protection	Short Circuit Protected	Short Circuit Protected	Short Circuit Protected
Min. Output Pulse Length	1 sec	1 sec	1 sec
Min. Sensing Period	3 sec	3 sec	3 sec
Signal	Supply Red LED Output Green LED Gain (Normal) Red LED	Supply Red LED Output Green LED Gain (Normal) Red LED	Supply Red LED Output Green LED Gain (Normal) Red LED
Power Consumption	0.6 W	0.6 W	1 W
Weight	105 gr	145 gr	170 gr
Cable Length	2 m	2 m	2 m
Environmental Rating	IP65	IP65	IP65

