

FSA 42-30-0x ...

crane anti collision sensor, self monitoring
(1 system = 2 devices incl. reflector)

SENSORIK
Austria

Technical data:

power:	24 VDC / 115 VAC / 230 VAC
testing unit:	included (50 sec. interval)
heating unit:	optional (24 VDC / 230 VAC)
current cons.:	39 / 80 mA (heating unit: 38 mA)
sensing range:	> 40 m (brake/stop distance)
output:	2 safety relay's (brake/stop; 230/30V, 6A) 1 relais change (state of function)
connection:	cable connection
casing:	fibre reinforced polyester
protection:	IP65
MTTFd:	> 100 years
DC avg.	low (60-90%)

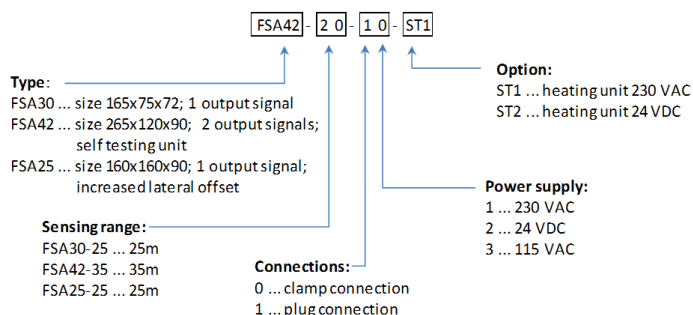


This sensor is self supervising but no certified safety device according acc. to EC regulations (2006/42/EG - machinery). It's the responsibility of the plant operator to fulfill requirements acc. to relevant norms.

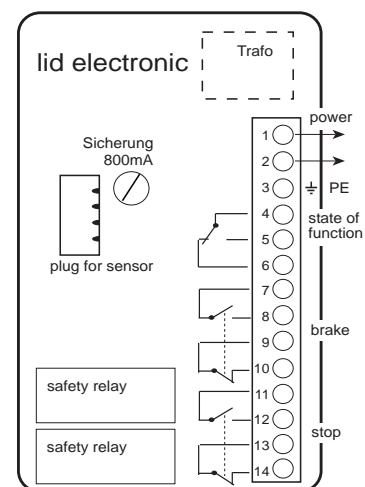
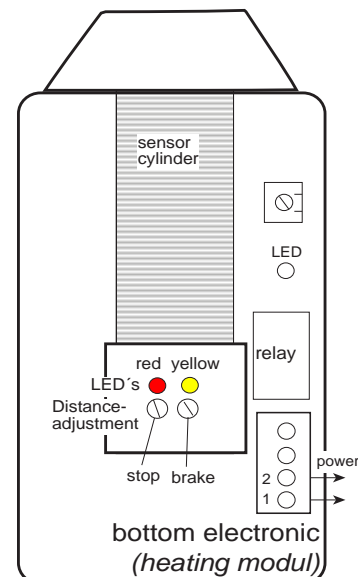


electromagnetic compatibility
emission standard / immunity standard
EN 50081 - 1 / EN 50082 - 2

Order code Crane Anti Collision Sensors



Connection scheme:



State of function signal:
The relay change (potential free) signals well function or failure according to self test.

Function output signals:
The relay's are closed in operation state and open when adjusted distance has been reached and also if power supply fails.

In powerless state contacts
7/8, 11/12 are open and contacts 9/10, 13/14 are closed.

FSA 42-30 - sensor

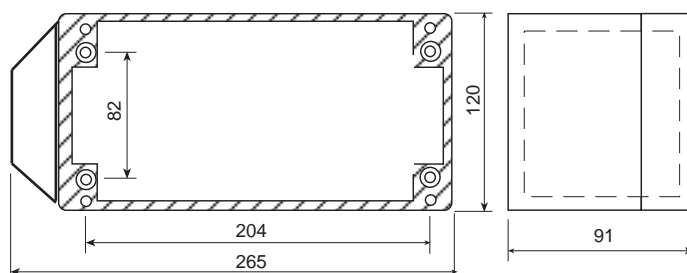


Mounting frame MR 331-GL



Dimensions

Sensor:



Reflector:

