

SPS BASIC

SIDE PULL DETECTION AND PREVENTION FOR WIRE ROPE HOISTS



THE PROBLEM

Hoist side pulling and off center picks are not only damaging to the hoist but are also extremely dangerous to personnel. When a hoist is side pulled, damage to the hoist can occur which can cause downtime and costly repairs. When the trolley is not centered over the load and a lift is initiated, the load can swing once off the ground and result in serious injuries.

THE SOLUTION

SPS BASIC is a system that measures the X and Y axis angle of the hoist wire rope and when the programmed maximum allowable angle is exceeded, a side pull or off center pick condition is detected. An onboard relay output is wired to the hoist controls to prevent lifting until the operator corrects the condition.

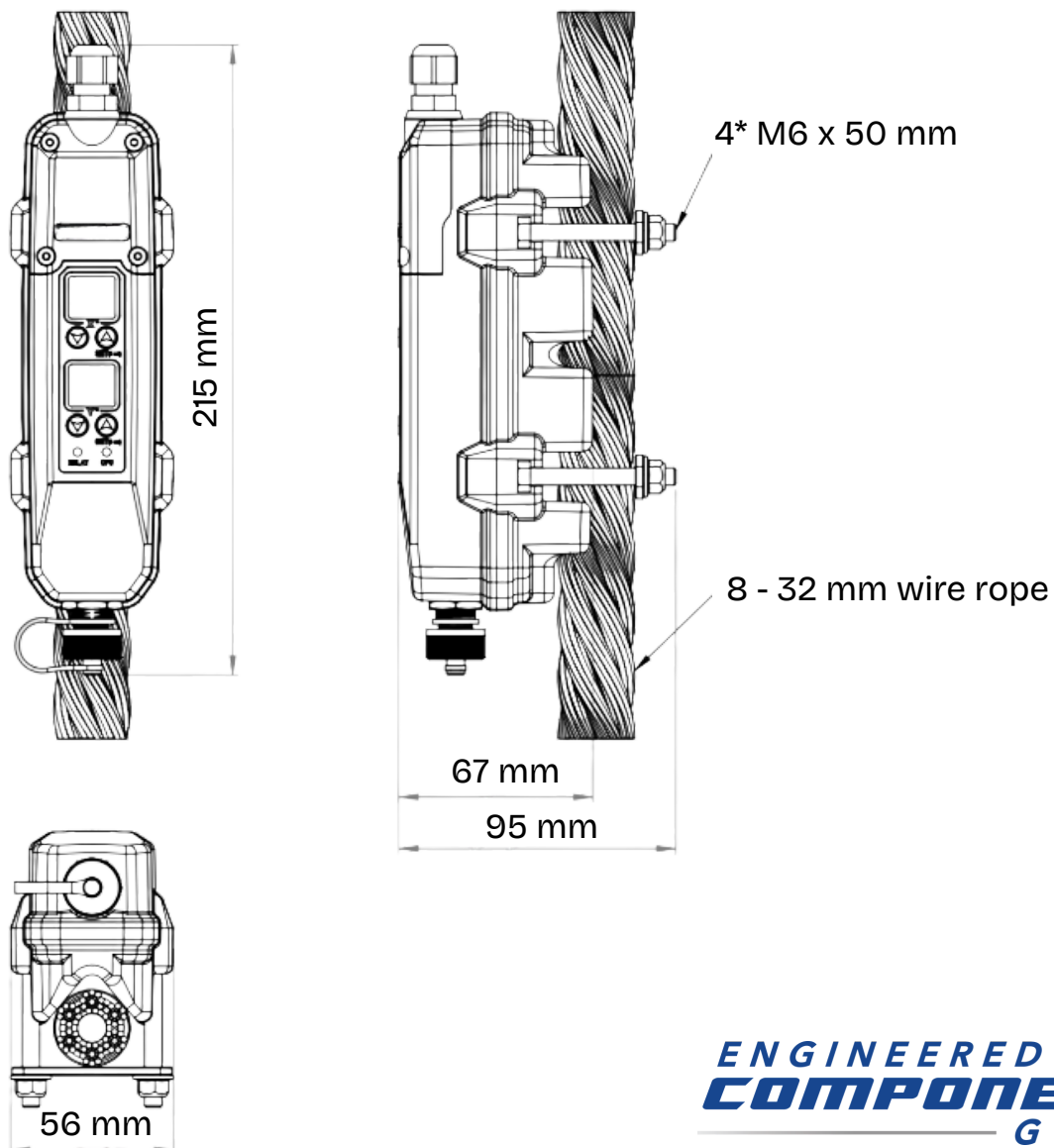
FEATURES

- Wire rope mounted (hardware included), will accommodate 8-32mm wire ropes
- Easily programmable with onboard push buttons
- Offset button for flexible starting angles
- Robust polymer housing
- X and Y axis angle measurement and angle indicator
- Relay output
- Device status LED
- Included prewired 10 foot pigtail with cable gland



Ordering Code: SPS-BASIC-10PT

Supply Voltage	48 - 265VAC (24 - 36VDC optional)
Maximum Power	2W at 120VAC
Operating Temperature	-40°C to +85°C
Protection Rating	IP65
Communication	Relay output (CANBUS optional)
Warranty	2 years



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