

COIL DETECTION in 1D

CUSTOMER BENEFITS AND GAIN DECISIVE ADVANTAGES

Ø INCREASED PRODUCTIVITY

- § Shorter cycle times
- § Faster operations

Ø SAFETY

- § Increased safety for people, materials and equipments
- § Reduced stress and fatigue on the crane operator

Ø RELIABILITY

- § Specific design and ruggedness for severe environments
- § Easy installation

Ø AVAILABILITY

- § Lower maintenance cost and time as a result of less wear and tear on crane's structure
- § Reduced time loss waiting for load movement

Ø EFFICIENCY / ACCURACY

- § Accurate handling
- § Ambient light immunity

Ø HIGHER QUALITY

- § Guaranteed Quality Assurance
- § Reduced Customer non conformity and material damage

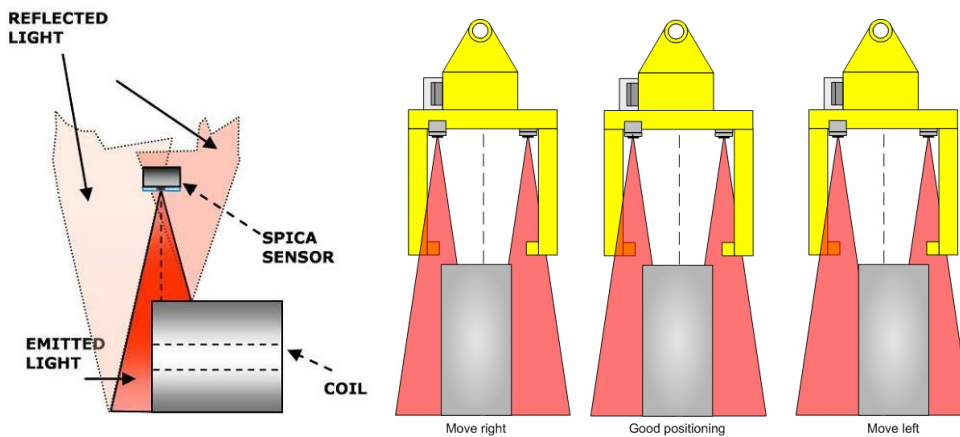
APPLICATION

SPICA detects coil edge to *position grab* prior to handling with a hoisting crane.

It can be used in an automated system or as a help to the crane operator with a simple display.

MEASUREMENT PRINCIPLE

Two detectors check the edges of the coil. They are situated on each lateral part of the grab and placed in a way to be exactly on top of the edge when the grab is ready to go down without touching the coil.



REQUIRED MATERIAL

Two SPICA sensors Ref. SOS38-ST

One calculator Ref. SPC60-ST



SPICA sensor



Calculator

Nota : Non-contractual document - specifications may be subject to modification without prior warning / May 2009 / DCFA 014 10