

# OPEN



AMC\_OPEN special device, able to perform Non-Destructive-Tests on hauling ropes with diameter ranging from 30 to 80 mm. The device works on ferromagnetic ropes.

The system allows to measure the LF Signal, detecting internal and external flaws, such as broken wires, corrosions, wear and fretting fatigue.

Main characteristics of our device are:

- Rope Centering System (mechanically guided by wheels) that improves signal quality and friction reduction in the bushings;
- presence of a fully integrated Encoder system that localizes the flaw.

WEIGHT	Depending on the size
DIMENSIONS	Depending on the size
IP	66
NUMBER OF ROPES CHECKED AT THE SAME TIME	1
ENCODER & CENTERING SYSTEM	Included
CERTIFIABLE UNDER THE EN12927	Yes

## SENSORS KIT

STANDARD RANGE	TBD with the customer
MIN ROPE DIAMETER (WITH A REDUCTION KIT)	TBD with the customer
NUMBER OF REDUCTION KIT	TBD with the customer

## INSTRUMENT CHARACTERISTICS

FIELD SOURCE	Permanent magnets (NdFeB)
SENSOR TYPE	Coils; Hall Effect Sensors
SIGNAL TYPE	LF
SIGNAL ACCURACY	In accordance with EN12927
TEST SPEED MAX 0,02 – 6 m/s	Standard range, speed higher than 8 m/s on request