

EC-SNR-MDS-H MATERIAL DETECTION SENSOR

DESCRIPTION

Material Detection Sensor based on an optical device, designed for use in an extremely harsh environment, mainly for road salt spreader machines.

OPERATION

When the material flows in front off the optical device the output signal goes ON (+V). When no material flows, the output signal goes OFF (open). Mostly used with the Tecnord Ecomatic salt spreader control systems.

FEATURES

- Supply line protected against reversed polarity and overvoltage.
- Output protected against short circuits to GND and supply.
- Electro Magnetic Compatibility (EMC): EN 61000-6-2 (Immunity)  
EN 61000-6-3 (Emissions)

SPECIFICATIONS

Operating voltage:	10÷36 VDC
Max current consumption:	25mA
Operating temperature:	-25°C / +80°C
Degree of protection:	IP 67
Digital output:	PNP type
Max output current:	150mA
Detection zone:	<200 mm
Connection:	3 Wire leads colored

APPLICATIONS

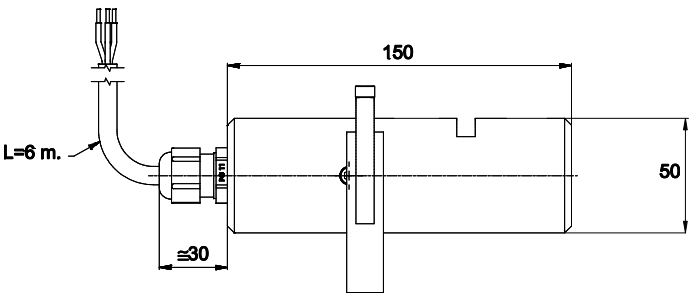
- MDS sensor for salt spreader systems.
- MDS sensor for agricultural spreader systems (e.g. fertilizers).

ORDERING CODE

20.0401.055/A



DIMENSIONS



CONNECTIONS

- Flying wires
- BROWN** +V (POWER SUPPLY)
  - BLUE** -V (POWER SUPPLY - GND)
  - BLACK** OUTPUT SIGNAL

**WARNING:** the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

W/ 50/2022