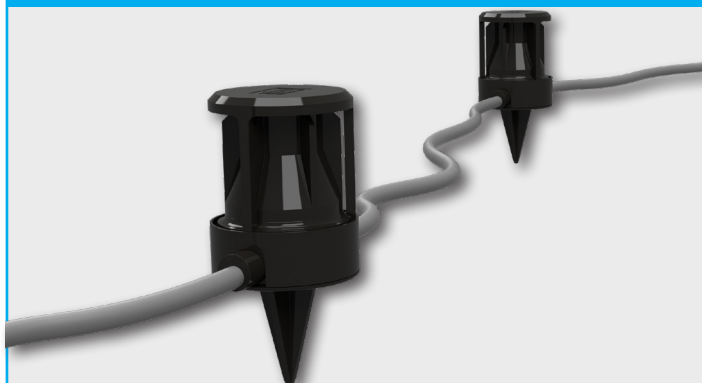




SENSOR STRING



P/N LN12-SMCP50, LN34-SMCP50, LN56-SMCP50

DESCRIPTION

LN-SMCP50 is a pre-wired sensor string composed of piezoceramic detectors (SN-SMCP50), sealed and protected by a plastic housing resistant to chemical and organic substances present in the soil. Each sensor is maintenance free and is not subjected to electric failure since it does not contain any active electronic components

SN-SMCP50 detects the seismic waves generated by a person walking on the surface. Thanks to their high sensitivity, the detectors can operate at 60 cm depth, in an environment which is not affected by adverse weather conditions and the presence of rodents. Such a depth makes the system compatible with normal gardening jobs or maintenance activity on the surface, such as hoeing and re-asphalting activities..

AVAILABLE VERSIONS

LN-SMCP50 sensor-string is available in the following versions:

P/N	NO OF SENSORS EACH STRING	LEIGHTH
LN12-SMCP50	12	10 m
LN34-SMCP50	34	10 m
LN56-SMCP50	56	10 m

DURING INSTALLATION IT IS RECOMMENDED TO BURY THE SENSORS TO A HEIGHT OF ABOUT 60 CM AND TO PLACE THEM AT A DISTANCE OF 90 CM FROM EACH OTHER.

COMPLIANCE

SENSORS

- DIRECTIVE 2014/30/EU intrinsically benign apparatus



CABLE

- DIRECTIVE 2006/95/CE, CEI 20-11, CEI 20-14 P.Q.A., CEI 20-35/1-2, EN 50363, EN 60332-1-2, IEC 60332-1, UL 1581, ROHS, REACH

TECHNICAL FEATURES

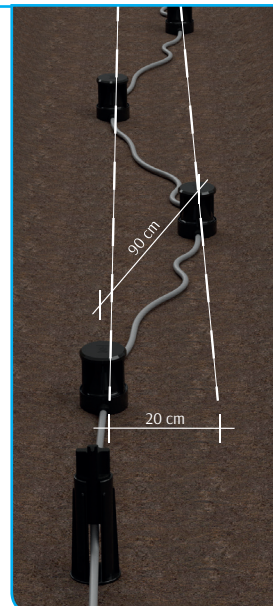
SENSORS

- DIMENSIONS:** 95 x 185 (Ø x H)
- OPERATING TEMPERATURE:** -40 ÷ +80 °C
- RELATIVE HUMIDITY:** 0 - 100% after sealing with RP-100 resin
- MATERIAL:** glass fiber reinforced polyamide

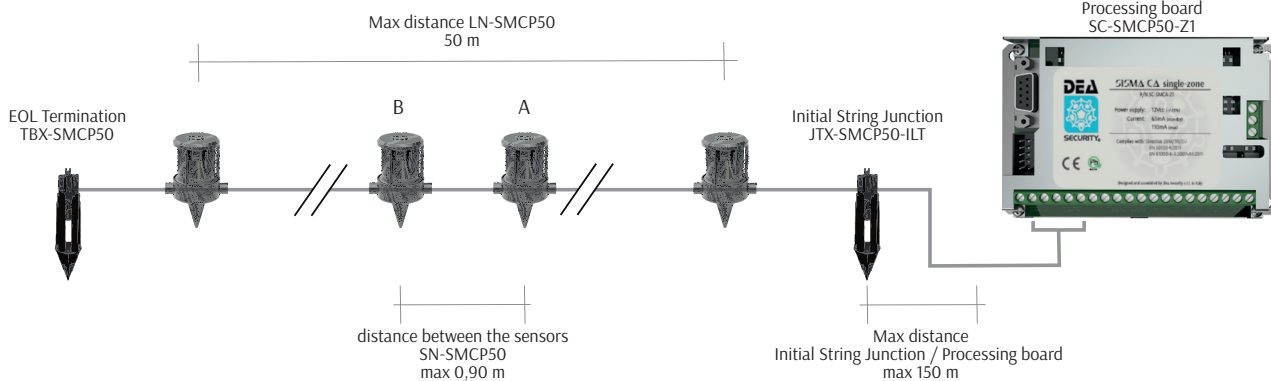
CABLE (For further information refer to the datasheet CV-SMCP50)

INSTALLATION

The sensor is installed in the ground at a constant depth of 60cm. The trench must be wide enough (Min 60cm) to enable the installer to easily lay the sensors. Place the sensors by thrusting its tip into the ground without pressing on the receptor. The sensors must be placed strictly at 90 cm from one another and each sensor shall be set out of axis (approximately 20cm) compared to the following one. Before covering operation each sensor must be covered with approximately 20-25 litres of sand, and an insulation test of the various cable conductors of the string is needed. For more information refer to the System Installation Manual.



CONNECTION SENSOR-STRING



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