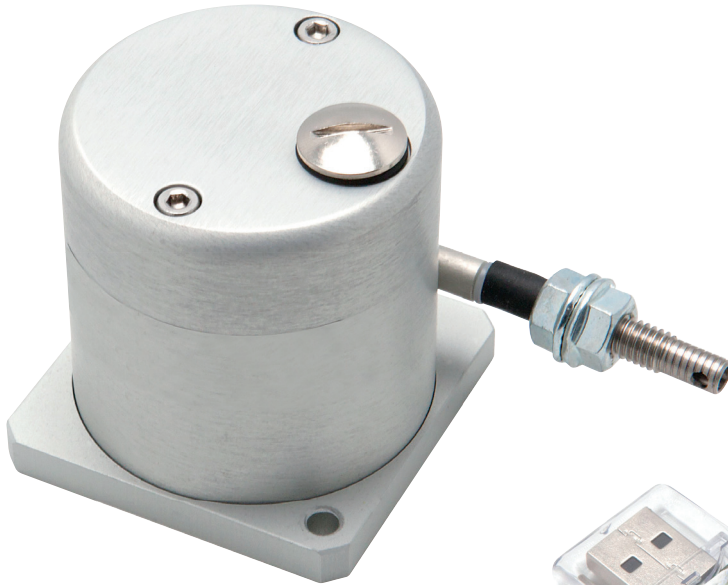




HUMBOLDT

Concrete Crack Detectors



HC-2955



HC-2956



Crack Detectors

These Crack Detectors provides a method to monitor cracks and linear displacements in concrete structures, featuring an integrated data logger, which measures both displacement and ambient temperature. This crack detector measures cracks by using a rotary, precision potentiometer, which is driven by the winding/unwinding of a stainless steel wire with an 80mm stroke. It is also possible to add an extension to the steel cable to monitor cracks over wide expanses or areas that are not readily accessible, such as bridge decks, multi-faceted structures and other hard-to-reach places. The crack detector is configured using a graphic, user-interface operating on a Windows® computer.

Datalogger capacity is: 51062 readings or 18236 readings with redundant CRC, Acquisition frequency is adjustable from 10 seconds to 91 hours. Includes software.

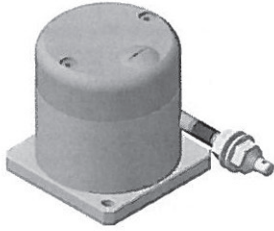
Communication module (installed in a USB port of a Windows-based PC with control software. The module can control up to 16 units installed on the monitored structure. The operator selects a specific unit and then the software connects with it for programming and data download. Data is provided in a CSV file, which then needs to be opened with Microsoft Excel to conduct the analysis on the position and temperature information acquired.

The HC-2955 downloads data to a PC via a MINI-USB cable using a graphic user interface on a PC computer.

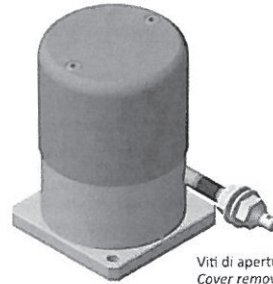
The HC-2956 downloads data to a PC via a wireless connection using a graphic user interface on a PC computer.

Specifications

HC-2955

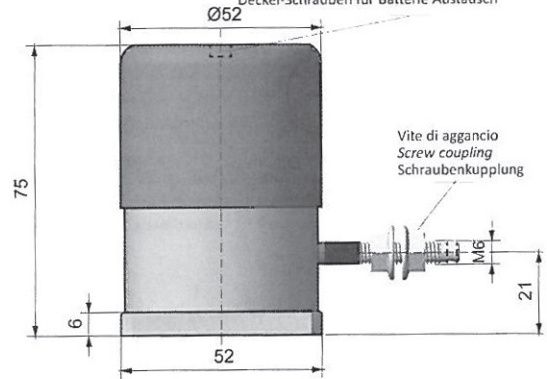
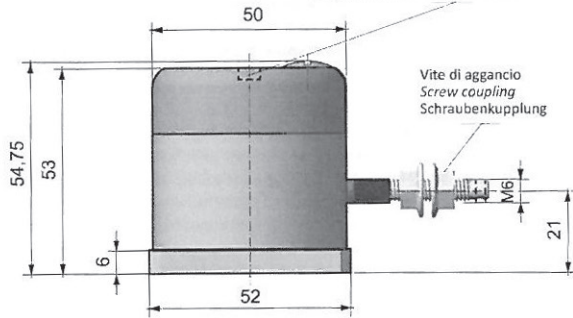


HC-2956



Viti di apertura coperchio per sostituzione batteria
Cover removal screws for battery replacement
Deckel-Schrauben für Batterie Austausch

Viti di apertura per sostituzione batteria
Cover removal screws for battery replacement
Deckel-Schrauben für Batterie Austausch



Tappo svitabile per connettore USB
Removable cap for USB connector
Abschraubarer Deckel für USB-Stecker

