

CS - Connection cables for Geoves sensors (Rev.0 01022022)



Description

The cables mod. CSxx used to connect Geoves weather sensors and measuring instruments, consist of shielded multipolar cables suitable for use in open environments.

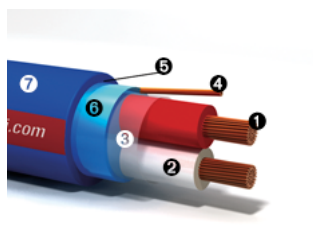
The cables are terminated on the sensor side with an IP68 quick fit connector and on the acquisition side with ferrules; if the sensor is connected to a Geoves data logger on the acquisition side, a removable clamp is applied and the cable takes on the CSDxx code (where xx indicates the meters of cable).

The cables are terminated on both ends with a sensor model identification tag so that no misconnections can be made. The labels are protected by a transparent vulcanizing agent so that they can resist bad weather and can be visible over the years for subsequent maintenance.

The sensor cables are supplied with the following standard lengths: 4-12-22-32-42-52-62m. Different lengths can be made upon request.

Main applications

- ✓ Meteorological sensors connection
- ✓ Environmental sensors connection
- ✓ Low voltage signal sensors connection
- ✓ Outdoor connection, for civil and industrial signal connection

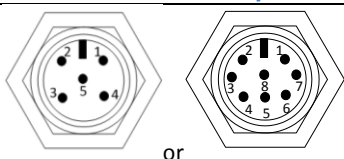


1. Conductor
2. Insulation
3. Assembling
4. Drain wire
5. Stripping wire
6. Screen
7. Sheath

Cable technical specs

FEATURES	DESCRIPTION	STANDARD
Conductors :	annealed red copper	CEI EN 60228 (Tab. 9)
Insulation :	PVC , quality R2	CEI EN 50363
Cores colour :	alarm colours (Tab. 1) - Red-Black (power supply)	
Assembling :	Pet tape	
Drain wire :	annealed red copper	
Screen :	Al/Pet tape	
Stripping wire :	Pet	
Sheath :	PVC , quality RZ	CEI EN 50363
Sheath colour :	blue RAL 5015 with red line RAL 3000	
Fire retardant :		CEI 20-22/II
Flame retardant :		CEI EN 60332-1-2
Low halogens emission :	(< 22 %)	CEI EN 50267-2-1 - IEC 60754-1
Oil resistant :		CEI 20-34/0-1
UV resistant :		HD 605
DC resistance :	according to	CEI EN 60228 (Tab. 9)
Testing voltage :	2000 V	
Max working temperature :	70 °C	
Short-circuit temperature :	160 °C	
Min. installation temperature :	0 °C	
Bending radius :	Ø x 8	
Printing :	BERICA CAVI S.P.A. ITALY ALA CEI UNEL 36762 C-4 (Uo=400 V) Type O.R. UV RESISTANT CEI 20-22 II CE Year/Lot	

Connector technical specs



or

Flying connector, type M12 with 5 or 8 pin, IP68 degree protection