

# CM05

## Shielded T-bus connector

### Product Overview

CM05 is in the practical application of the project, in response to the actual engineering needs and development, used to connect the field bus cable and field collection module to provide power and communication media services. According to the different needs of field installation, T-type bus connector with 0-6 branch line from the side of the export. Specific selection can be based on the need to connect the temperature of the field acquisition module to determine the number, when connected with 0 branch outlet, which is used as terminal resistance junction box. The T-bus connector is currently used for bus connection, such as RS485 bus, CAN (CanOpen) bus, bus system such as HART bus, FOUNDATION fieldbus, Profibus bus and LonWorks bus.

The PGA16 waterproof connector on both sides of the standard T-connector secures a 3-6mm diameter bus cable. The following interface can be connected between 3-6mm PGA7 cables. The waterproof plug-in can also be matched according to the thickness of the user's cable. The location of the T-box needs to be selected according to the location of the temperature measurement point. For T models to be used intensively, please select the porous output.

### Technical Parameters

Project	Content
Support bus cable diameter	3-6mm (can be customized according to demand)
Support feeder cable diameter	3-6mm (can be customized according to demand)
Degree of protection	IP65
Supports communication cable length	> 100m
Operating environment	-55 ° C to + 80 ° C
Material	Cast aluminum
Mounting hole size	Customized on request

### Applications

Explosion-proof requirements of the bus connection Applications:

1, RS485 bus 2, CAN (CanOpen) bus 3, HART bus 4, FOUNDATION fieldbus 5, Profibus bus 6, LonWorks bus 7, the other need to connect the bus cable occasions

Protection class: IP65

Flexible configuration, according to the actual demand output 1-6

Connector connection, locking socket

Built-in high-quality metal plug-in, easy wiring

Anti-interference ability, can be 1-4 with a shielded bus core

High-quality aluminum housing, durable



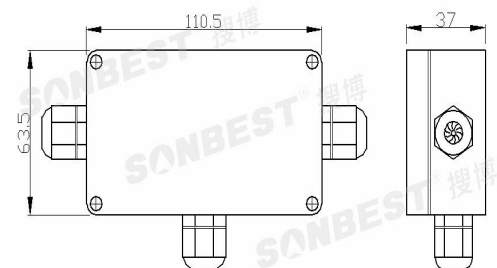
[http:// www.sonbus.com](http://www.sonbus.com)



### ORDERING INFORMATION

Type	Order No.
CM05	CM05

### Dimensions



1-4 Branch CM02 wiring outline and box PCB circuit  
diagram as shown below:

