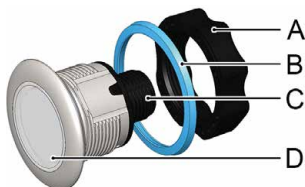




Series 84 EAO IO-Link Touch

Hygienic assembly and maintenance «Hygiene» button.

Button Hygiene



- A = Fixing nut
- B = Seal
- C = Connection M12
- D = IO-Link Touch

In case of temporary contact (cleaning), series10 is resistant to:

- Mineral acids, including in high concentrations
- A number of organic acids (e.g. carbonic acid, lactic acid, oleic acid, and citric acid)
- Oxidation and reducing agents
- Neutral and acidic salt solutions
- Saturated aliphatic and cycloaliphatic hydrocarbons
- Alcohols, with the exception of methyl alcohol

Assembly

- Assemble the SENSORswitch on a sloped surface of at least 3°
- Clean the mounting surface and seal before assembly
- The SENSORswitch must be readily accessible for cleaning and be spaced at least 6 mm away from other components
- Tighten the lock nuts with max. 1.5 Nm

Cleaning

- Clean the switch with it installed.
- Chemicals, temperatures, and water pressure must not damage or destroy the materials.
- Do not use abrasive aids for cleaning

Approvals

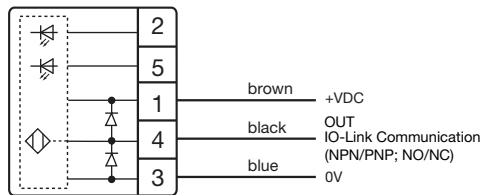


EN
FR

Contacts in one section must be same polarity
Les contacts dans la partie ON doivent être de même polarité

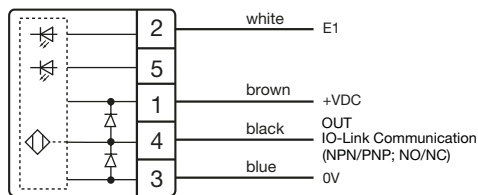
Connection plan

3-pin



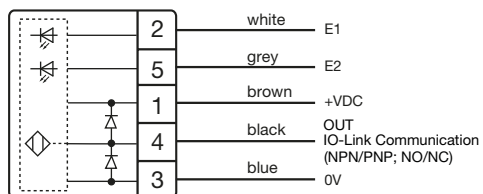
The product description will indicate the configuration.

4-pin



The product description will indicate the configuration.

5-pin



The product description will indicate the configuration.

Standard symbols (examples)

 Symbol B10	 Symbol B11	 Symbol B12	 Symbol B13
 Symbol B14	 Symbol C17	 Symbol C18	 Symbol C12
 Symbol C19	 Symbol C16		

Safety

General safety

All work on electrical systems or operating equipment may only be carried out by a specially qualified electrician according to the applicable electrotechnical regulations.

The safety of the system in which the IO-Link Touch is integrated is the responsibility of the operator.

WARNING



Improper work on electrical systems!

Electric shock can result in death or life-threatening injuries.

- Before working on electrical systems, disconnect them from their voltage supply and secure them against being switched on again
- Work on electrical installations should be carried out only by qualified personnel in compliance with local and national electrical regulations and specifications



Intended use

is intended for use in accordance with the items listed here, the values from the "Technical specifications" chapter and the product description.

- Only connect the product to a limited energy source as per IEC 61010 or an NEC class 2 power supply unit.
- Source current < 4 A at maximum operating voltage

Foreword

These operating instructions are intended for technicians/installers and operators and should be kept for future reference. Read these operating instructions carefully and make sure that you have fully understood the contents before installing or working with the IO-Link Touch.

Assembly

Requirements

- Mounting surface is level and has been thoroughly cleaned (maximum unevenness in mounting surface 0.1 mm)
- The panel is between 1.0 mm and 9.5 mm thick

A = Fixing nut

B = Seal

C = Connection M12

D = IO-Link Touch



- Disconnect the system from its voltage supply and secure it against being switched on again
- Check the correct assembly of the seal (B) and correct it if necessary
- Clean the seal before assembly
- Insert the IO-Link Touch (D) into the prepared hole and screw the lock nut (A) on
- Position the IO-Link Touch (D) and tighten the lock nuts with max. 1.5 Nm
- Connect the IO-Link Touch (D) electrically to terminal (C) according to the connection plan

Maintenance

Maintenance operations

Carry out the following maintenance operations at the specified intervals.

Maintenance operations	as needed	annually
Clean the switch surface	X	
Check cables for intactness and firm fit		X
Check screw connections for tightness		X

NOTICE

Abrasive aids and solvents contained in cleaning agents can attack the plastic of the button!

- Clean the surface of the button with a neutral cleaning agent or a damp microfiber cloth
- Do not use abrasive aids such as steel wool and steel brushes

Disassembly with lock nut

- Disconnect the system from its voltage supply and secure it against being switched on again
- Disconnect the electrical connection and remove the lock nuts

Disposal

Different types of electrical and electronic components must be recycled according to their type. All applicable statutory, state and local laws and regulations must be complied with.

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