

Title (en)

FIELD DEVICE COMPRISING A SECURITY LAYER FOR CONNECTING TO A FIELD BUS SYSTEM

Title (de)

FELDGERÄT MIT SICHERHEITSLAYER ZUM ANSCHLUSS AN EIN FELDBUSSYSTEM

Title (fr)

APPAREIL DE TERRAIN COMMANDE PAR MICROPROCESSEUR, DESTINE A ETRE RACCORDE A UN SYSTEME DE BUS DE TERRAIN

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Application

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Abstract (en)

[origin: WO02086633A2] The invention relates to a microprocessor-controlled standard field device (3', 4', 5', 6'), such as a measuring sensor or an actuator, for connecting to a field bus system (1) that, in turn, is connected to, for example, a freely programmable controller (2'). According to the invention, the field device (3', 4', 5', 6') is equipped with a security layer (10) for carrying out a security proven communication. A secure and simultaneously cost-effective communication with a control device (2) via a field bus system (1) is made possible by implementing a security layer (10) in a conventional operationally proven or redundant standard field device (3, 4, 5, 6).

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IPC 8 full level

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