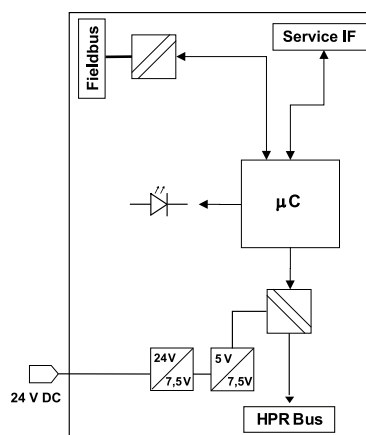# HE 5814

HIMOD field bus coupler Ethernet ETH
Central coupling module for Ethernet networks

The field bus coupler HE 5814 links the modular process I/O HIMOD system with an Ethernet network. The Ethernet connection is established over a RJ-45 plug connection. Up to 62 I/O modules can be connected per bus coupler. The connection of the modules takes place over an internal bus system. Up to 16 modules can be operated directly on the bus coupler, in addition the system can be expanded with an additional power module. In the bus coupler the areas of power supply voltage, field bus and logics

are isolated galvanically from each other. The system configuration from bus coupler and I/O modules can be determined quickly by means of the buttons integrated in the front of the casing. Configuration and parameter-setting of the individual modules can be carried out both via the field bus as well as over the SmartPort interface.

Current versions of the associated software SmartControl as well as other information can be found at www.hesch.de

TECHNICAL DATA	
Power supply	24 V DC (-20 % / +25 %), protected against reverse polarity and overvoltage
Current / power consumption	Max. 170 mA / 4 W own requirements
Power supply for I/O modules	24 V DC (max. 4 A) and 7.5 V DC (max. 2 A), short-circuit-proof
Number of I/O modules that can be coupled	1...16 or 1...62 with additional power modules
Electrical isolation	1000 V_{eff} [internal (supply / field bus / logics) / external]
Connections / interfaces:	
Ethernet	1 x RJ45 modular socket
Service / SmartPort	1 x RJ10, front
HPR-Bus	1 x T-bus connector
Supply 24 V DC	1 x screw terminal block
Ethernet:	
Ethernet 10/100 BaseT according to IEEE 802.3	
Modbus TCP via port 502	
IP address settable via Boot-P or SmartControl	
Control elements:	
Node configuration	1 x button "Config", at the front
Diagnostic display:	
5 status-LEDs	1 x device status, 4 x bus status
Wiring technique	Screw / plug terminals, conductor cross-section 0.2...2.5 mm²
Weight	150 g

ORDERING DATA	ORDER NUMBER	PU
HE 5814, Ethernet, Modbus TCP	58140000	1

ACCESSORIES	ORDER NUMBER	PU
SmartControl configuration environment	58510000	1
USB connection cord	58513000	1
Screw plug terminal	133332	10
Spring clamp terminal	133331	10
T-bus connector	38100150	10

APPROVAL	
Conformity marking	CE

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