

neteled DEVICE IP67, netX SOCS & netRAPID

IO-LINK DEVICES WITH REAL-TIME ETHERNET

OPTIMIZED TECHNOLOGY PLATFORM WITH PRE-QUALIFIED SOFTWARE ECOSYSTEM

netFIELD Device technology platform connects IO-Link sensors – wired or wireless – with demanding Real-Time Ethernet networks. For configuration and diagnostics an integrated OPC UA server with IO-Link companion profile is used. It combines established **netX 90** technology with Hilscher's new netIOL chip - an intelligent IO-Link transceiver with additional diagnostics to detect plant errors.

IO-LINK COMMUNICATION FOR OEM BRANDLABELING



FROM CHIPSET VIA MODULE **TO BRANDLABELED IP67 DEVICE**



netX 90 & netIOL

- Chipset for own designs
- Tested circuit board designs, incl. design package
- Branded software or own application

netRAPID 90 & netIOL

- Embedded module for own designs
- Tested circuit board designs, incl. design package
- Preloaded with software
- Branded software or own application

OEM Circuit Board

- Individual or ready-to-use OEM hardware
- Tested & qualified circuit board
- Preloaded with software
- Branded software or own application

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IP67 Brandlabeling

- Ready-to-use IP67 module
- Tested & certified product
- Preloaded with software
- Branded software or own application





Ţ Customers profit from an optimized and validated technology platform as well as a pre-qualified software ecosystem and pre-certified protocol stacks.



netFIELD DEVICE TECHNOLOGY PACKAGES

1 BRAND LABELING

IP67 MODULE BRANDING

- brand labeling first IP67 module incl. housing
- fixed functionality, board lineout & connectors
- brand labeling module firmware
- production of IP67 device at Hilscher

OEM CIRCUIT BOARD ONLY

- brand labeling first OEM circuit board, w/o housing
- fixed functionality but customizable board lineout & connectors
- brand labeling module firmware
- production of OEM circuit board at Hilscher
- housing incl. cast resin filling by OEM

OPTIONAL

- workshops & more
- certification support
- additional firmware modifications
- Future option: Bluetooth interface

2 EMBEDDED

MODULE – netRAPID 90&netIOL

- preloaded & ready-to-use embedded module for own designs
- tested circuit board design, incl. design package & schematics
- basic firmware application as an example
- production of netRAPID 90 at Hilscher

CHIPSET - netX 90 & netIOL

- chipset for own designs
- tested circuit board design, incl. design package & schematics
- basic firmware application as an example
- design & production by OEM

OPTIONAL

- evaluation board & workshops
- sophisticated application example
 - certification support

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• Future option: Bluetooth interface

3 OEM SPECIFC

CUSTOMER SPECIFIC IP67 SOLUTION

- based on netFIELD device technology
- OEM specific hardware and software modifications
- production at Hilscher or OEM

ے۔ چہ عق IO-Link DI/DO/DIO	IO-Link DI/DO/DIO	IO-LINK Wireless Master	IO-Link Device (Hub)
IO-Link Master, Digital Input/Output	IO-Link Master, Digital Input/Output	Wireless IO-Link Master	IO-Link Slave Hub
60mm, 8 ports with M12	30mm, 8 ports with M8	30mm	30mm, 8 ports with M8
PROFINET IO-Device, EtherCAT Slave, EtherNet/IP Adapter	PROFINET IO-Device, EtherCAT Slave, EtherNet/IP Adapter	PROFINET IO-Device, EtherCAT Slave, EtherNet/IP Adapter	-
8 Port IOL-M, Class A 8 Port IOL-M, Class B	8 Port IOL-M, Class A	Wireless, 2 tracks, 16 channels	IOL-Hub, Class A IOL-Hub, Class B
16 DI, 16 DO, 16 DIO, 8 DIO + 8 DIO	16 DI, 16 DO, 16 DIO	-	8 DIO
-25°C +70°C	-25°C +70°C	-25° + 70°C	-25°C +70°C
1L: max. 16A 2L: max. 16	1L: max. 16A 2L: max. 16A	-	1L: max. 4A 2L: max. 4A
Sensor supply: max. 4A (Pin1) Digital Out: nom. 2A (DO	Sensor supply: max 4A (Pin1) Digital Out: nom. 2A (DO)	-	Sensor supply: max. 2A (Pin1) Digital Out: nom. 2A (DO)

Note: All technical data may be changed without further notice.

HEADQUARTER

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SOCIAL MEDIA

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