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Release Notes

DNNF005
wTeach2 Software for Sensors



EN

Translation of the original operating instructions
Subject to change without notice
Available as PDF file only
Version 2.29.0
www.wenglor.com

1 Release Notes

Here you will find the release notes for the new features in the wTeach software.

wTeach 2.29.0	Released March 24, 2026
New features: I1QH1xx Inductive sensors with IO-Link P1PCx8x Laser Distance Sensors Triangulation P1KH reflex sensors with background suppression New sensors in the family P1PF Color Sensor **Bug fixes:** P1MW001 Error in the menu bar P1PC0xx Error in the measurement range display P3PC Error in display settings	

wTeach 2.28.0	Released February 6, 2026
New features: P1PC Laser Distance Sensor Family ZPTG001 Sensor for PEHT Sensor Modules I1QH Inductive Sensors Family P1KH050C01 Reflex sensors with background suppression P1KK010C01 Retro-Reflex Sensor for Transparent Objects **Bug fixes:** P1MW001 Missing icon	

wTeach 2.27.0	Released November 4, 2025
New features: FXxL level sensors P1MW contrast sensors P1XD0xx fiber-optic amplifiers Blue light P1XDxxx Fiber-Optic Amplifiers Analog Output P1PCxxx Laser Distance Sensors Triangulation P2KK002C01 Retro-Reflex sensor for transparent objects P3PC311S01 Laser Distance Sensors Triangulation P3PC211S01 Laser Distance Sensors Triangulation **Bug fixes:** U1RT ultrasound sensors missing master unit and sub unit settings	

wTeach 2.26.0	Published 06.08.2025
New features: P1XD2xx new features from revision A U18T004S01 Ultrasonic sensors P3PC211S01 **Bugfixes:** P1KH Mirror reflection sensor with background suppression (potentiometer) Switching point setting	

wTeach 2.25.0	Published 03.06.2025
New features:	

- P3PC303 Laser distance sensors triangulation
- P1XD1xx Rev. A Fiber-optic amplifiers
- U18T002S01 Distance sensor

Bugfixes:

- P1KH045S01 incorrect default values
- P1Px2x incorrect values after teach process via wTeach

wTeach 2.24.0	Published 07.04.2025

New features:

- OLDK / OTDK Universal reflex barrier / energetic reflex sensor
- New P1PY sensors P1PY210, P1PY217 and P1PY218
- P1PX208 Laser distance sensor ToF
- P3PC321 Laser distance sensor triangulation
- P3EC413 Laser distance sensor triangulation
- GM04 Gloss sensor

Bugfixes:

- P3 sensors missing parameters in coupled mode
- U1KT Error when loading settings

wTeach 2.23.0	Release date 09.12.2024

New Features:

- P1PY2 / P1PX2 Familie Laserdistanzsensoren ToF
- P1KH045S01 Reflex Sensor with Background Suppression
- P1KH051 Reflex Sensor with Background Suppression
- P1KK004C01 Retro-Reflex Sensor for Transparent Objects
- P1MH105 Reflex Sensor with Background Suppression
- P18H003 Reflex Sensor with Background Suppression
- PNBC Family "Restart button" after changing the IP address

Bugfixes:

- Saving the settings of the U18T family to the PC
- Missing translations

wTeach 2.22.0	Release date 07.11.2024

New Features:

- P1XD Product family Fiber-optic amplifier
- P1PL101C01 Retro-Reflex Sensor Universal
- P1KK011 Retro-Reflex Sensor for Transparent Objects
- U18T008/U18T010 Distance sensor

Bugfixes:

- Resolution issues >2k Displays
- U30T001 Receiver barrier mode setting

wTeach 2.21.0	Relase date 10.07.2024

New Features:

- P18H Reflex Sensor with Background Suppression
- P1RH Reflex Sensor with Background Suppression
- P1KH052 Reflex Sensor with Background Suppression

Bugfixes:

- U18T Missing setting in "Barrier receiver" sensor mode

wTeach 2.20.0	Release date 23.05.2024

New Features:

- P1PWxxx Contrast Sensor

Bugfixes:

- P3xC Adjustment Coupled Mode
- Translations

wTeach 2.19.0	Release date 03.05.2024

New Features:

- P1KL029 Retro-Reflex Sensor Universal
- PNBC1xx New functions for firmware version >5.3.x
- U18Txxx Ultraschall Distance Sensoren

Bugfixes:

- P2KH024 will found via search function
- P2KH031 will found via search function
- P1KK010 Setting Push/Pull at E/A2

wTeach 2.18.0	Release date 16.02.2024

New features:

- P1KK010 Retro-Reflex Sensor for Transparent Objects
- U1KT006 Distance Sensor
- P1MH104 Reflex Sensor with Background Suppression
- P1MH206 Reflex Sensor with Background Suppression

Bugfixes:

- Classification of ring inductives in the menu tree corrected
- Fill-level Sensor with IO-Link FXxL00x
- U1RT Barrier operation settings

wTeach 2.17.0	Release date: 15.12.2023

New features:

- Sensor P3PC181
- Sensor U30T001S01 and U30T001S02
- Sensor Family Ring-Inductive Sensors IRxx00x
- Zoom Function P3xC Signal Graph
- P3xC Display Language Chinese

Bugfixes:

- P1KY101 Lock Teach Button
- RxxA Changing the adjustable operating nodes

wTeach 2.16.1	Released November 6, 2023

New features:

- Sensor P1MK102
- Sensor family P1RH, P1RL, P1RK
- Sensor P1PM101, P1PM102, P1PM103, and P1PM104
- Sensor P1ML203, P1PL103, P1PE103, and P1NE203

Bug fixes:

- Bug fix for calibration protocol P3PC441
- Missing settings for P1PY138

wTeach 2.16.0	Released August 25, 2023

New features:

- Sensor family P3EC
- U2GT sensor family

wTeach 2.15.1	Published July 19, 2023

New features:

- P3PC Display of exposure time
- P3PC Additional note after successful licensing
- P3PC Letterhead in the background of the calibration report
- U1KT004
- P1KE019
- Adjustment of product categories

Bug fixes:

- P3PC Window size corrected for near and far
- P3PC Translations
- P3PC Minimum jump height corrected
- P3PC No longer possible to license blue laser devices

wTeach 2.15.0	Released April 14, 2023

New features:

- Sensor family P3PC

Bug fixes:

- Stability improvements

wTeach 2.14.1	Released February 24, 2023

Bug fixes:

- Errors in the PNBC measurement display have been fixed.

wTeach 2.14.0	Released

New features:

- Automatic shutdown of the data storage mode of the IO-Link master
- P1M series
- PNBC1xxx
- P1KH050
- P2KH016 & P2KH017

Bug fixes:

- Stability improvements

wTeach 2.13.0	Released July 8, 2022

New features:

- OY1P303P0102
- P1HJ101
- P2KK002
- P2KK004
- P1KH008S01
- Status of the IO-Link master
- Information if an IO-Link device has not yet been implemented

Bug fixes:

- Preview image P1RK001

wTeach 2.12.1	Published March 11, 2022

Bug fixes:

- CP25QXVT80, CP70QXVT80, OCP662X0080 Correction of reset value for exposure time
- P2K* incorrect connection diagrams
- P2KH019 missing pin 2 settings
- FX5P* does not display pressure values
- FX1Q001 Switching output settings

wTeach 2.12.0	Published January 19, 2022

New features:

- P1PY109, P2PY209
- FX0P002, FX0P003, FX6P002, FX6P003, FX7P003, FX8P002, FX8P003, FX9P002, FX9P003, FXGQ001

Bug fixes:

- P1KY101: PNP/NPN parameter removed
- P1PY108: Vibration sensor settings removed
- U1RT002/U1RT003: Various improvements

wTeach 2.11.0	Released October 13, 2021

New features:

- Long-Range Laser Distance Sensors P1KY103, P1KY105
- Universal Retro-Reflex Sensors P1KL024, P1KL025, P1KL027, P1KL028
- Universal Retro-Reflex Sensors P1NL303
- Reflex sensors with background suppression P1NH304, P1NH307, P1NH309, P1NH310, P1NH501, P1NH503, P1NH703, P1NH705
- Stainless steel sensor family P2K*

wTeach 2.10.0	Published 09/29/2021
New features: • Luminescence reflex sensor P1PA • Ultrasonic distance sensors U1RT002, U1RT003, U1RT004	

wTeach 2.9.0	Published August 12, 2021
New features: • Additional P1K... sensors integrated **Bug fixes:** • Sensor search OY1P303P0189	

wTeach 2.8.0	Released January 18, 2021
New features: • Long-Range Laser Distance Sensors P1PY1xx • Reflex sensors with background suppression P1KH041 • Presentation mode **Bug fixes:** • P1PY0xx incorrect hysteresis, PNBC TCP port	

wTeach 2.7.3	Released October 12, 2020
New features: **Bug fixes:** • P1PH301, P1PH302 • Improved sensor search	

wTeach 2.7.2	Released June 5, 2020
New features: • Wizard-guided setup for safety technology SEFG	

wTeach 2.7.1	Released
Bug fixes: • Correction P1NH304, FXPL NO/NC	

wTeach 2.7.0	Released November 26, 2019
New features: • SEFB safety light array • Safety light curtains SEFB and SEFG	

wTeach 2.6.1	Published April 26, 2019
Bug fixes: • Fill-level sensor FXPL & FXSL	

wTeach 2.6.0	Released April 10, 2019

New features:

- FXPL fill-level sensor
- Fill-level sensor FXSL
- P1KE013 through-beam sensor

wTeach 2.5.2	Published March 18, 2019

New features:

- Reflex sensors with background suppression P1NH2xx Sensors with NFC
- New FTDI CDM driver
- New USB drivers EFBL002 and EFBL003

Bug fixes:

- P1NH with mechanical background suppression

wTeach 2.5.1	Released December 10, 2018

New features:

- Photoelectronic sensors of format "N"
- Photoelectronic sensors of format "P"
- Laser distance sensors of the P1PY & P1KY family

wTeach 2.4.7	Published October 24, 2018

New features:

- Saving settings for P1XF color sensor

wTeach 2.4.6	Released August 10, 2018

New features:

- Laser distance sensor PNBC: "Reload button" to reload all values
- New layout of the device list

wTeach 2.4.5	Published May 15, 2018

New features:

- Sensors for roller conveyor systems OPT218
- Additional explanatory texts for sensors for roller conveyor systems for OPT
- Laser distance sensor PNBC: New parameters/settings, negative offset, and protective screens

Bug fixes

wTeach 2.4.4	Published

New features

- Retro-reflex sensor for clear glass recognition P1KK002

wTeach 2.4.3	Published January 17, 2018

New features:

- Reflex sensors with background suppression P1KH016 and P1KH017
- High-performance distance sensors P1KY1xx

wTeach 2.4.1	Published
Bug fixes	

wTeach 2.4.0	Released October 2, 2017
New features: • Reflex sensor P1KT • Reflex sensors with background suppression P1KH • Through-beam sensor P1KE • Retro-reflex sensor P1KL • Retro-reflex sensor for clear glass recognition P1KK	

wTeach 2.3.3	Published 08/18/2017
Bug fixes	

wTeach 2.3.2	Published May 29, 2017
New features: • Ultrasonic sensor U1KT001 • Color sensor P1XF001 with firmware 1.3.1 • Update of automatically installed drivers for USB-RS232 and IO-Link • Windows 10 support **Bug fixes:** • FXFF flow sensors • Sensors for roller conveyor systems OPT154x • Removal of the P1MM001 reflex light barrier	

wTeach 2.3.1	Published February 10, 2017
New features: • Reflex light barrier for clear glass recognition P1MM001 • Automatic installation of the USB-RS232 driver for AB-USB01 with version 1.0.79.0 (if selected) • High-performance PNBC distance sensors with firmware 3.49.0 • Save and open settings for OKII retro-reflex sensors	

wTeach 2.3.0	Published September 15, 2016
New features: • IO-Link interface and automatic driver installation (if selected) • FXFF0xx and FXTT0xx flow and temperature sensors (weFlux^2) • OFP401P0189 color sensor with firmware 1.3.1	

wTeach 2.2.0	Published August 1, 2016
New features: • NFC interface and automatic installation of the NFC driver (if selected) • Sensors for roller conveyor systems (OPT1540...OPT1546) • P1GE001 through-beam sensor (InoxSens) • Retro-reflex sensor OPT289	

wTeach 2.1.15	Published February 12, 2016

New features:

- Connecting the TIF352U0089 temperature sensor using the search function

wTeach 2.1.14	Released November 10, 2015

New features:

- Search function: From 2.1.14 onwards, connected sensors can be found automatically and connected directly with a double-click
- Enhancements to PNBC high-performance distance sensors:
- Switchable axis (time/encoder)
- From version 2.1.14, the IP address of TCP/IP sensors can be changed by right-clicking in the search function results list
- Update of the operating instructions

wTeach 2.1.11	Published September 18, 2015

New features:

- Temperature sensor TIF352U0089 (OptoTemp)
- Enhancements to PNBC high-performance distance sensors:
- Full speed! All distance values displayed unfiltered
- Switchable axis (time/line)

wTeach 2.1.8	Published July 20, 2015

New features:

- P1XF color sensor (6-channel multi-spectral sensor)
- A table export function for PNBC sensors is available from version 2.1.8 onwards
- Manual adjustment of CP/OCP switching thresholds via drag and drop