

ACT350 Analog Weight Transmitters

Software (Firmware) History of Changes



December 2022
Firmware Version 1.05.0014

METTLER TOLEDO

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1 Introduction

This release chart describes the changes in the firmware for ACT350 Analog Weight Transmitters.

NOTICE

More information about SAI - PLC Communication for ACT350 is available at www.mt.com/ind-act350-downloads.

2 Supplier Declaration

METTLER TOLEDO is certified according to ISO 9001. All products of the METTLER TOLEDO business unit “OEM” are developed and manufactured based on the internationally recognized ISO 9001 quality system.

- The software is developed based on a life cycle model, using defined documentation, programming and test guidelines.
- All suppliers of system components must be formally assessed. Obviously standard products are an exception.
- The individual phases of the life cycle model and their working results are subject to a formal review (milestones).
- All documents and approved system components are subject to the modification check.

3 History of changes

Date	Topic	Issue Description	Version
2022/12/14	Bug-Fix	Minor bug fixes for PROFINET and EtherNet/IP versions	1.05.0013
			1.05.0014
2020/04/30	Bug-Fix	Fixed the bug on "NW" LED function	1.05.0012
	Feature	Firmware download via webserver	
	Feature	Parameters backup and download via webserver	
	Feature	Webserver enable /disable via keypad	
	Feature	Support LLDP feature on Profinet	
	Feature	Directly control the DIO of ACT by PLC	
	Feature	Support sepoint functionality	
	Feature	Basic TCP/IP application function via MT-SICS	
	Feature	Support negative value for comparators of ACT	
2017/12/10	Bug-Fix	Fix "Maintenance block. Reset" error	1.04.0000
	Bug-Fix	Fix "Updating NW Module" error	
	Bug-Fix	Report physical voltage level status on DIO via SAI commands	
	Feature	Support both slot 0 and slot 1 on Profinet acyclic communication	
	Feature	Support calibration via PLC by SAI Acyclic commands	
	Feature	Support SAI immediate tare and zero cyclic commands (403, 404)	
	feature	Support up to 2.5mv/v sensitivity analog load cell	
	Feature	Improve the update rate up to 800Hz on Industrial Ethernet interfaces	
	Feature	Extend the capacity setting up to 980,000	
2016/12/14	Feature	Filter configuration in the Menu	1.02.0000
2016/05/18	Feature	Support Stack(Fieldbus and Industrial Ethernet) update	1.01.0010
2015/12/30	-	Initial version	1.00.0000

4 Matching Table

Date	ACT350 Analog Firmware Version	PLC DEVICE DESCRIPTION FILE		
		Fieldbus File Type Name		
		PROFIBUS DP (GDS)	PROFINET IO (GSDML)	Ethernet/IP (EDS)
2022/12/14	1.05.0013 - 1.05.0014	R3500F59	V2.33	DIO (2-port Analog) MT_ACT350 2P_EIP_V1.2 DIN (1-port Analog) MT_ACT350 1P_EIP_V1.3
2020/04/30	1.05.0012			
2017/12/10	1.04.0000			
2016/12/14	1.02.0000		V2.32	DIO (2-port Analog) ACT350_1_PORT_EIP_V1.1 DIN (1-port Analog) ACT350_2_PORT_EIP_V1.1
2016/05/18	1.01.0010			
2015/12/30	1.00.0000		V2.31	ACT350_EIP_1.6

5 Disclaimer

The information contained in this document has been collected to the best of our knowledge and represents the latest update. In addition, Mettler-Toledo will in no event be liable for consequences of any kind arising out of, or in connection with, the use of the downloadable software or this document.

www.mt.com/ind-act350-downloads

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Subject to technical changes
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