

PROTRAC

Version, available since	Description	Device Rev.
<p>2.0.1 10/2016</p>	<p>New functions and modifications:</p> <ul style="list-style-type: none"> - Measurement function: <ul style="list-style-type: none"> - Adjustment of the process damping with point level applications - The digital output works also with point level applications The relay can be also used as pure fail safe relay - NORM compensation added - Automatic filter can be parameterized - Automatic real value correction also possible with negative process value - Timing with X-ray interference can be parameterized - WEIGHTRAC: <ul style="list-style-type: none"> - Automatic measurement of the zero rate can be started via the digital input - Multi gauge: <ul style="list-style-type: none"> - More flexible communication on the MGC bus, several instruments can calculate measured values - Summation and NORM compensation with filtered and unfiltered values selectable - Errors of slaves can be suppressed - PLICSCOM: <ul style="list-style-type: none"> - Simultaneous display of two measured values on PLICSCOM - Reset real value correction added - New unit kct/s for indication of pulse rates > 100000ct/s - More detailed presentation of error codes - More flexible selection of the display format - Extended diagnosis presentation - Languages selection with the first operation - Fieldbus: <ul style="list-style-type: none"> - With the Foundation Fieldbus EDDs of SOLITRAC, MINITRAC, FIBERTRAC and POINTRAC a setup is now possible - General information: <ul style="list-style-type: none"> - Modification of the PIN now while locking the instrument - Error F041 can be suppressed <p>Error corrections:</p> <ul style="list-style-type: none"> - Diagnosis: <ul style="list-style-type: none"> - Tolerances of the temperature sensors do no longer trigger error F040 - No more error F030 triggered with a calculated negative density 	<p>HART: 2 FF: 3 PA:3</p>

Overview of the software versions

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1.8.0 07/2014	<p>New functions:</p> <ul style="list-style-type: none"> - Diagnosis <ul style="list-style-type: none"> - Measured value recording, event memory, parameter change memory - Error F041 Photo multiplier error-will be reset if reason disappears - WEIGHTRAC: <ul style="list-style-type: none"> - Moisture compensation - Measurement function: <ul style="list-style-type: none"> - New density units PPA and KgA - With application mass flow (tube): density and flow rate as reference values for the relay - Automatic real value correction can be triggered cyclically - Improved accuracy MINITRAC 31 - Modulated measuring current acts also on the F124 alarm due to increased radiation - Communication: <ul style="list-style-type: none"> - HART Variable Command 3 modified <p>Error corrections:</p> <ul style="list-style-type: none"> - PLICSCOM: <ul style="list-style-type: none"> - Fault rectification 	HART: 2 FF: 2 PA:1
1.7.0 06/2013	<p>New functions and modifications:</p> <ul style="list-style-type: none"> - Communication: <ul style="list-style-type: none"> - Profibus PA available - PLICSCOM: <ul style="list-style-type: none"> - New language: Portuguese <p>Error corrections:</p> <ul style="list-style-type: none"> - PLICSCOM: <ul style="list-style-type: none"> - Fault rectification with point level applications - Steam density compensation: <ul style="list-style-type: none"> - Fault rectification 	HART: 2 FF: 2 PA:1
1.6.0 10/2012	<p>New functions and modifications:</p> <ul style="list-style-type: none"> - Safety: <ul style="list-style-type: none"> - SIL available - Communication: <ul style="list-style-type: none"> - Software update from Slave over Master 	HART: 2 FF: 1

Overview of the software versions

Version, available since	Description	Device Rev.
	<ul style="list-style-type: none"> - Measurement function: <ul style="list-style-type: none"> - Software update from Slave over Master - - Limit level adjustment (covered) with more safety - Limit level: Behaviour of the current output independent from relay settings 	
1.5.0, 6/2012	<p>New functions and modifications:</p> <ul style="list-style-type: none"> - Communication: <ul style="list-style-type: none"> - Foundation Fieldbus available - Measurement function: <ul style="list-style-type: none"> - Vapour density compensation - Digital output activated 	HART: 2 FF: 1
1.4.1, 9/2011	<p>New functions and modifications:</p> <ul style="list-style-type: none"> - WEIGHTRAC 31: <ul style="list-style-type: none"> - Mass flow determination - Measurement function: <ul style="list-style-type: none"> - Adaptive filter improved - Application mass flow (tube) improved - Measurement of the current input improved - Reset values of the adjustment changed - Communication: <ul style="list-style-type: none"> - Improved IIC-Bus communication <p>Error corrections:</p> <ul style="list-style-type: none"> - Measurement function <ul style="list-style-type: none"> - Temperature compensation of the density measurement corrected with unit API 	HART: 2
1.0.0, 8/2010	<p>First version</p> <ul style="list-style-type: none"> - PROTRAC HART 	HART: 1

Legend:

Name	Description
Version	xx.yy.zz xx: Compatibility version.. Will be increased when the compatibility to the previous version is no longer given. Value range 0 ... 99. yy: Function extension version. Will be increased when new functions or function changes were carried out on the previous version. Also errors can have been corrected with a function change.

Overview of the software versions

Name	Description
	Value range 0 ... 99. zz: Error correction version. Will be increased when only errors were corrected on the previous version. Value range 0 ... 99.
available since	Month/Year
Device Rev.	Version number of the instrument defined by Fieldbus. Consecutive integral number Will be increased if in the "Application Layer" modifications were carried out, e.g. new commands, modifications in the data structure in a command.