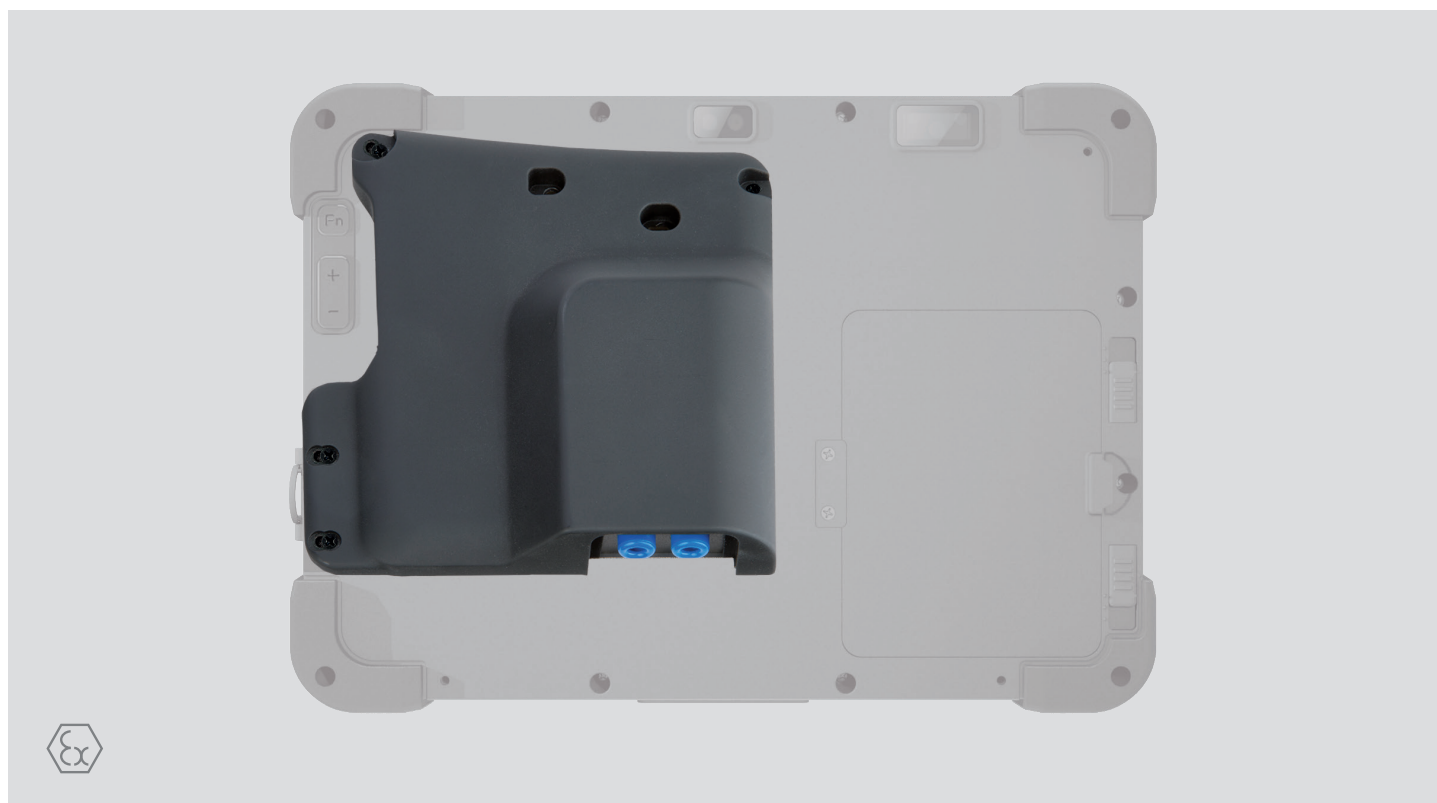


# HART Add-on Module

for 10.1" Tablet PC Agile X IS  
Datasheet



**The HART Add-on Module is a new extension module for Agile X IS and offers a HART modem function. It may be connected to a HART loop as secondary master and facilitates applications such as configuring the HART devices.**

Due to the Windows operating system, the user can deploy all current software solutions and communicate using the FDT/DTM industrial standard.

Agile X IS equipped with HART Add-on Module is the new safe solution when working in potentially explosive and non potentially explosive atmospheres: parameter assignment, configuration, measurement and office tasks can be carried out much easier, faster and more safely.

The HART Add-on Module for Agile X IS is approved for ATEX and IECEx Zone 1 and for NEC 500 Class I Division 1.

## Explosion protection

Marking ATEX	Ex II 2G Ex ia [ia Ga] IIC T4
Certification	EPS 15 ATEX 1 069 X
Marking IECEx	Ex ia [ia Ga] IIC T4
Certification	EPS 15.0065X
Marking NEC (USA/Canada)	Class I Div 1 Groups A, B, C, D T4
Certification	CSA 70045374

Other approvals and certificates, see [bartec.com](http://bartec.com)

## User environment

Operating temperature	in the Ex area : -20 °C to +50 °C (-4 °F to 122 °F) in the safe area: -20 °C to +60 °C (-4 °F to 140 °F)
Storage temperature	-30 °C to +70 °C (-22 °F to 158 °F)
Relative humidity	30 % to 95 % (non-condensing)
Protection class (IEC 60529)	mounted on tablet PC: IP 54 connector strip (PoGo pins): IP 20

## Technical data

Size (H x W x D)	125 x 125 x 24 mm (4.9 x 4.9 x 0.9 inch)
Weight	200 g (0.44 lb)
HART interface	$U_i \leq$ DC 30 V $I_i \leq$ 130 mA $P_i \leq$ 1 W $U_o \leq$ DC 3 V $I_o \leq$ 10 mA $P_o \leq$ 5 mW $U_m \leq$ DC 60 V max. cable length = 1.8 m
Energy management	Power supply is via the extension interface of the Tablet PC
Connection requirements	HART loop connection The HART Add-on module may be connected to a non-certified HART device. Prerequisite: $U_m = 60$ V or $U_i$ is not exceeded!
HART interface	Function as secondary master DTM communication driver supports FDT version 1.2.1 DTM communication driver supports network read/write/check/search (topology scan) Burst Mode is not supported by the communication driver HART-Protocol supports version 5, 6 and 7
Communication to the host (Agile X IS)	Via the extension interface of the Tablet PC
Warranty	1 year
Scope of delivery	<ul style="list-style-type: none"> <li>- HART Add-on Module</li> <li>- Screws</li> <li>- Cable set</li> <li>- Installation instruction</li> </ul>

## Ordering information

HART Add-on Module	17-A1Z0-0005
--------------------	--------------