



Approvals

This product is approved to the European standards, guidelines, and directives specified in the declaration of conformity (see this document or www.draeger.com/product-certificates).

Ex approval	Classification
ATEX, IECEx	Ex ia IIC T4 Ga Ex ia IIIB T135°C Da -20 °C ≤ Ta ≤ +50 °C
USA/Canada	Class I, Division 1, Groups A, B, C, D T4 Ex ia IIC T4 Ga Class I Zone 1, AEx ia IIC T4 Ga Ex ia IIIB T135°C Db Zone 21, AEx ia IIIB T135°C Db

The Pulsar Interface Adapter is marked with a serial number. The serial number contains the year of manufacture in encrypted form. The third letter of the serial number specifies the manufacturing year: P = 2021, R = 2022, S = 2023, T = 2024, U = 2025, W = 2026, X = 2027, Y = 2028, Z = 2029, A = 2030, B = 2031 etc. (Letters G, I, O, Q are omitted). Example: Serial Number ARPH-0054: the third letter is P, which means that the unit was manufactured in 2021.

Entity parameters

Handheld port:

$U_m = 250 \text{ V}$ (non-Ex area)

$U_i = 30 \text{ V}$ (Ex area)

$U_o = 5.4 \text{ V}$, $I_o = 0.17 \text{ A}$

$P_o = 0.248 \text{ W}$

$L_i, C_i = \text{negligible low}$

HART port:

$U_i = 30 \text{ V}$

$I_i = 200 \text{ mA}$

$P_i = 1 \text{ W}$

$U_o = 1.9 \text{ V}$, $I_o = 32 \mu\text{A}$

$L_i, C_i = \text{negligible low}$

Notified Body

please refer to the CE Declaration of Conformity

Importer (UK)

Draeger Safety UK Ltd

Ullswater Close,

Blyth Riverside Business Park

Blyth, Northumberland NE24 4RG, UK



EU-Konformitätserklärung
EU-Declaration of Conformity



Dokument Nr. / Document No. SE26028-01

Wir / we Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck, Germany

erklären in alleiniger Verantwortung, dass das Produkt
declare under our sole responsibility that the product

Handbediengerät Typ HAC 00 (Pulsar Interface Adapter)**
*Handheld Terminal type HAC 00** (Pulsar Interface Adapter)*

mit der EU-Baumusterprüfbescheinigung / Expertise **PTB 16 ATEX 1007 X**
is in conformity with the EU-Type Examination Certificate / Expertise

ausgestellt von der notifizierten Stelle mit der Kenn-Nr.
issued by the Notified Body with Identification No. **PTB Bundesallee 100 D-38116 Braunschweig 1012**

und mit den folgenden Richtlinien unter Anwendung der aufgeführten Normen übereinstimmt
and is in compliance with the following directives by application of the listed standards


Bestimmungen der Richtlinie <i>provisions of directive</i>		Nummer sowie Ausgabedatum der Norm <i>Number and date of issue of standard</i>
2014/34/EU	ATEX-Richtlinie <i>ATEX Directive</i>	EN IEC 60079-0:2018, EN 60079-11:2012
2014/30/EU	EMV-Richtlinie <i>EMC Directive</i>	EN 61326-1:2013 susceptibility: industrial environment emission: group 1, class B
2011/65/EU 2015/863/EU	RoHS-Richtlinie <i>RoHS Directive</i>	EN IEC 63000:2018

Überwachung der Qualitätssicherung Produktion durch
Surveillance of Quality Assurance Production by **DEKRA Testing and Certification GmbH Handwerkstrasse 15 70565 Stuttgart 0158**

Zertifikat-Nr.: **BVS 17 ATEX ZQS/E100**
Certificate No.:

Lübeck, 2022-02-08

Ort und Datum (jjjj-mm-tt)
Place and date (yyyy-mm-dd)


Dr. Marcus Romba
Head of Electronic Engineering
Head of Product Qualification
Safety Products
Research & Develop