



Safety-related information

- Before using this product, carefully read the instructions for use and those of the associated products.
- Strictly follow the instructions for use. The user must fully understand and strictly observe the instructions. Use the product only for the purposes specified in the intended use section of this document.
- Do not dispose of the instructions for use. Ensure that they are stored and used appropriately by the product user.
- Only trained and competent users are permitted to use this product.
- Do not use a faulty or incomplete product. Do not modify the product.
- Notify Dräger in the event of any component fault or failure.
- Comply with all local and national rules and regulations associated with this product.

Intended use

The WAC 00** is a transportable, electrical equipment that may only be operated outside hazardous areas.

It is supplied from 50 Hz or 60 Hz mains with 230 V alternating voltage. The WAC 00** must be connected to an earthed mains socket outlet. It can power electrical equipment in hazardous areas via 4 intrinsically safe, galvanically isolated circuits in its approximately 50-metre-long output cable via its output connector. The cable, the connector and the 4 circuits meet the requirements for Ex ia IIC T4. The output of each of the 4 circuits supplies 12 V DC loadable with 150 mA.

For example, an alarm amplifier AAC 03** (BVS 10 ATEX E 047 X resp. IECEx BVS 10.0038X) located in the hazardous area can be permanently supplied with power from the WAC 00** located outside the hazardous area via its 50 m long cable. The cable must not be extended in this case. The output cord of the WAC 00** is to be connected to the XEXT3 socket of the AAC 03** and may not be extended in this case.

Marking

Power Supply Ex XXXV
WAC 0000 **Dräger**

XXXXXXX - ARXX-YYYY

II (1)G
[Ex ia Ga] IIC data matrix code

[AEx ia Ga] IIC 0158 CSA21CA80090329

-20°C ≤ Ta ≤ +50°C BVS 20 ATEX E 087 IECEx BVS 20.0070 IP44

AC-Input: 110/115V±10% or 230V±10%, Um=253V, (50...60)Hz, 25VA, Fuse T 0,1A

DC-Output:

Circuit	Pin (+)	Pin (-)	U _o / V	I / A	P _o / W	C _o / nF	L _o / μH
1	1	9	13,05	I _o (spark): 0,830 I (therm): 0,425	2,71	100,0	2,0
2	2	8					
3	3	7					
4	4	6					

www.draeger.com **Made in Germany**

Dräger Safety
23560 Lübeck, Germany

C_o and L_o are allowed to occur simultaneously.

Serial No.

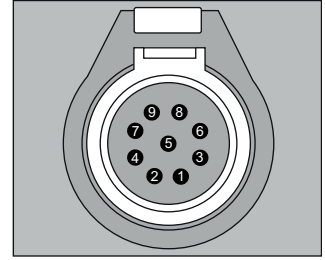
Serial Number key: The third letter of the serial number specifies the manufacturing year (M = 2019, N = 2020, P = 2021, R = 2022, S = 2023, T = 2024, U = 2025, W = 2026, X = 2027, Y = 2028, Z = 2029, etc.; Letters G, I, O, Q are omitted), the fourth letter the manufacturing month

(A = January, B = February, C = March, etc.; Letters G, I are omitted).

Example: Serial Number ARMB-0001: the third letter is M the fourth B, which means that the unit was manufactured in February 2019.

Connector CNLINKO LP-20-J09PE-01-022

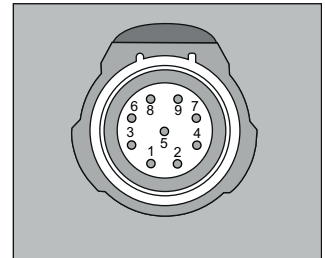
- 1 Ui-1 (+)
- 2 Ui-2 (+)
- 3 Ui-3 (+)
- 4 Ui-4 (+)
- 5 free
- 6 Ui-4 (-)
- 7 Ui-3 (-)
- 8 Ui-2 (-)
- 9 Ui-1 (-)



A suitable counterpart to the female connector at the end of the cord is the following plug for mounting in housing walls:

Connector CNLINKO LP-20-C09SX-03-101

- 1 Ui-1 (+)
- 2 Ui-2 (+)
- 3 Ui-3 (+)
- 4 Ui-4 (+)
- 5 free
- 6 Ui-4 (-)
- 7 Ui-3 (-)
- 8 Ui-2 (-)
- 9 Ui-1 (-)



All solder joints must be completely secured with pieces of heat shrink tubing (15...20) mm long. The solder side of the connector must then be sealed at a height of at least 1 mm with a non-conductive epoxy adhesive.

Manufacturer:

Shenzhen Linko Electric Co. Limited
3rd Floor, Building A
Penzhou Industrial Park
Fuyuan 1st Road
Fuyong Town
Baoan District
SZ.China

Disposal



This product must not be disposed of as municipal waste. This is indicated by the adjacent icon.

You can return this product to Dräger free of charge. For information please contact the national marketing organisations and Dräger.



EU-Konformitätserklärung
EU-Declaration of Conformity



Dokument Nr. / Document No. 11109227-00

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

Stromversorgung Typ WAC 00 (Power Supply Ex)**
*Power Supply type WAC 00** (Power Supply Ex)*

mit der EU-Baumusterprüfbescheinigung / Expertise
is in conformity with the EU-Type Examination Certificate / Expertise **BVS 20 ATEX E 087**

ausgestellt von der notifizierten
Stelle mit der Kenn-Nr.
*issued by the Notified Body
with Identification No.*
DEKRA Testing and
Certification GmbH
Handwerkstr. 15
D-70565 Stuttgart
0158

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 61000-3-2:2014, EN 61000-3-3:2013 EN 61000-6-2:2005+AC:2005, EN 61000-6-3:2007+A1:2011+AC:2012 (when connected to X-zone 5800),
2014/35/EU	Niederspannungs-Richtlinie <i>Low Voltage Directive</i>	EN 62368-1:2014+AC:2015+A11:2017
2011/65/EU	RoHS-Richtlinie <i>RoHS Directive</i>	EN IEC 63000:2018

Überwachung der Qualitäts-
sicherung Produktion durch
*Surveillance of Quality Assurance
Production by*
DEKRA Testing and
Certification GmbH
Handwerkstr. 15
D-70565 Stuttgart
0158

Lübeck, 2021-05-25

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 & Development