ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Certificação de Produto

OCP 0101

Brasil

.

CUSTOMER CODE INMEX 123569 0003 Rev. 00

Certificate Number TUV SUD INMEX 24.0003X

Supplier: **Lupus Equipamentos para Lubrificação e Abastecimento Ltda**

Rua: Lupo Paneli, 303
Industrial
18520-000 Cerquilho SP
BRAZIL

CNPJ 57.026.585/0001-36

Manufacturer: **PIUSI S.P.A.**

Zona Industriale Rangavino, Via Pacinotti 16/A, 46029 SUZZARA, ITALY

Product: **Electric pumps**

TÜV SÜD Brasil- OCP 0101 certifies that the referenced product is in accordance with the Inmetro Ordinance applicable for this product and Technical Standards applicable to the described scope and according to the technical data mentioned in this certificate. The certification mark sent to the supplier with this certificate shall be affixed on the product and should not be changed. The validity of this Certificate is linked to carrying out assessments maintenance and treatment of possible non conformities in accordance with TÜV SÜD Brasil- OCP 0101 orientation and foreseen in the specific Inmetro Ordinance. For verification of the updated compliance condition of this Certificate of Conformity, the data bank of certified products and services of INMETRO must be consulted.
Products must be installed in compliance with the relevant Standards in Electrical Installations in Explosive Atmospheres.
The installation, inspection, maintenance, repair, overhaul and recovery activities of the equipment are the responsibility of the users and must be performed in accordance with the requirements of the current technical standards and the manufacturer's recommendations.
See www.tuvsud.com/ps-cert for details.

Certificate of Conformity valid only accompanied by the total pages indicated on the footer.

Test Report(s) / issue date: US/UL/ExTR19.0074/00 2019-06-27
US/UL/ExTR19.0074/01 2021-11-19

Initial issue: 2024-02-27
Revision issue: 2024-02-27
Valid until: 2030-02-26

(Alice Maia)

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Model(s): EX100, EX140

Trade name: **PIUSI**

Parameters:

Product Description
Electric Pumps model EX100 and EX140 utilised for different combustible hydrocarbon liquids (petrol, diesel and kerosene) with duty type continuous S1. Electric motor enclosure is made of aluminium and the pump in cast iron

Marking - Type of protection used
Ex db IIA T4 Gb

Electrical Parameters

Type	Supply rating	Current	RPM	Duty
EX100	230V 50Hz	4.5 A	1450	Continuous S1
	230V 60Hz	3.8 A	1750	
	250V 50Hz	4 A	1450	
EX140	230V 50Hz	5 A	1450	
	230V 60Hz	4.5 A	1750	
	250V 50Hz	4 A	1450	

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List of Documents

Title	Document number	Rev.	Data/*Date*
(Ex) PERNO LEVA	EX008	2	2019-05-21
EX100 EX140 Assembly and overall dimensions	EX041	0	2019-06-05
EX100 EX140 joint	EX042	0	2019-05-21
EX100 EX140 Pump body	EX043	0	2019-01-15
EX100 EX140 Pump Rotor	EX044	0	2018-12-17
EX100 Ex140 Pump Vane	EX045	0	2019-04-04
EX100 EX140 By-pass System	EX063	0	2019-03-15
EX100 EX140 Motor Stator	EX048	0	2019-01-15
EX100 EX140 Motor Rotor	EX049	0	2019-05-22
EX100 EX140 wiring box lower part	EX050	0	2019-05-22
EX100 Ex140 wiring box upper part	EX051	0	2019-01-15
EX100 Ex140 wiring box connecting joint	EX052	0	2019-01-15
EX100 EX140 Marking	EX054	0	2019-06-12
EX100 EX140 End Shield	EX055	0	2019-05-22
EX100 EX140 Motor Fan	EX056	0	2018-10-10
EX100 EX140 Fan Protection	EX057	0	2019-05-23
EX100 EX140 Electrical layout	EX053	0	2019-01-16
EX071_rev00 Nozzle Holder and external switch lever EX100 EX140	EX071	0	2019-06-05
RISK ASSESSMENT	ANNEX RISK ASSESSMENT EX100 EX140	00	-
User manual and installation	BULLETIN M0492	00	2019-06
DE_TPS_QAR18.0005_03_003	DE/TPS/QAR18.0005/03	00	2023-06-29
TSB_F_03.189E_APPENDIX_FIR_Mod5 - Rev_1 722331870 Piusi	722331870	00	2024-01-31
INMEx_Factory_Insp_Rep_Mod5 Rev1 722331870 Piusi	722331870	00	2024-01-31
IECEx_UL_19.0065X_001	IECEx valid certificate IECEx_UL_19.0065X_001	Issue 1	2021-11-19
Technical evaluation report	20240212_23103003_RACT - 123569_3/2024	00	2024-02-12
User manual portuguese	M0492 A ESPT_REV00 EX100-140 ATEX - INMETRO - M0492	00	2024-02

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"Specific Conditions of Use":

- The screws class used for the assembly of explosion-proof enclosures must be of quality higher or equal to 8.8 (ISO 898-1).
- Flameproof joints are not intended to be repaired.
- Fluid temperature range shall be from -20°C to +40°C.

Laboratory(ies) names : CESI S.p.A

Factory inspection: 2024-01-31

Model of certification: 5

Note: This certification only covers the national regulations described in "In compliance to".

In compliance to:

ABNT NBR IEC 60079-0:2020
ABNT NBR IEC 60079-1: 2016 versão corr. 2020
Portaria INMETRO N. 115 de 21 Março de 2022

Factory(ies):

PIUSI S.P.A.
Zona Industriale Rangavino, Via Pacinotti 16/A, 46029 SUZZARA, ITALY

Revision History:

2024-02-27	Initial issue.
The last revision replaces and cancels the previous one Certificate with digital signature for electronic file. Authenticity can also be confirmed with the QR Code on page 1	

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