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EC DECLARATION OF CONFORMITY

The undersigned, **PIRELLA GÖTTSCHE LOWE**, in its capacity as the manufacturer of the equipment described below, hereby certifies that the equipment complies with the requirements of the CE mark affixed to the product and that the equipment is in conformity with the requirements of the CE mark affixed to the product.

Electromagnetic Compatibility Directive 2004/108/EC
The equipment complies with the requirements of the CE mark affixed to the product, in accordance with the requirements of the CE mark affixed to the product.

Suzara, 05/05/2014

Legal representative

ENGLISH (Translated from Italian)

GENERAL WARNINGS

To ensure operator safety and to protect the pump from potential damage, workers must be fully acquainted with the instruction manual before use. The following symbols will be used throughout the manual to highlight safety warnings and operations of particular importance.

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NOTICE is used to address practices not related to personal injury.

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ENGLISH (Translated from Italian)

SAFETY INSTRUCTIONS SAFETY WARNINGS

WARNING - Before any checks or maintenance work are carried out, disconnect the power source.

WARNING - When handling flammable liquids, always observe precautions against fire or explosion.

WARNING - When handling hazardous liquids, always follow the liquid manufacturer's safety precautions.

WARNING - Always dispose of used cleaning solutions in a safe manner according to solvent manufacturer's instructions.

WARNING - During meter removal, liquid may spill. Follow the liquid manufacturer's safety precautions to clean up any spills.

WARNING - Do not blow compressed air through the meter.

WARNING - Do not allow liquids to dry inside the meter.

ENGLISH (Translated from Italian)

HOW K600 B/3 WORKS: GENERAL

K600 B/3 represents a family of meters developed to satisfy a wide range of requirements for the control, measurement, dispensing and transfer of lubricating oils and fuels. Its measurement principle is based on elliptical gears that provide high accuracy over a wide range of flow rates together with reduced loss of head. The fluid passing through the equipment turns the gears whose rotation is converted into a magnetic signal. The exact measurement of the fluid displacement is carried out by counting the rotations of the gears and, thus, the fluid volume transferred. The magnetic coupling, consisting of magnets installed on the gears and a magnetic switch located outside the measuring chamber, guarantees the seal of the measuring chamber and ensures the transmission of the rotation generated by the rotation of the gears to the measurement electronics. The meter housing is manufactured of ethylene acrylate and is furnished with external guides for a practical and simple installation. The various models are differentiated by the length of the housing, which is related to their ability to function at higher flow rates.

The meter body is made of cast aluminum and fitted with connections for the installation of threaded stainless steel or 316L stainless steel. At the inlet opening, a filtering disk of stainless steel mesh is installed, which can be accessed from the outside by removing the flange cover to the front side.

ENGLISH (Translated from Italian)

COMPATIBLE LIQUIDS

The liquids compatible with K600 B/3 are as follows:

- Gasoline
- Motor Oil
- Synthetic / Mineral
- Hydraulic Oil
- Antifreeze
- Water

DO NOT USE WITH HAZARDOUS LIQUIDS

WARNING - PLANT OPERATION RESTRICTIONS IT IS FORBIDDEN

1. Do not use the meter in a construction configuration other than that contemplated by the manufacturer.

2. Do not use the meter with flammable gases, vapors or aerosols.

3. Do not use the meter with flammable liquids, unless approved by the manufacturer.

4. Do not use the meter with flammable solids, unless approved by the manufacturer.

5. Do not use the meter with flammable dusts, unless approved by the manufacturer.

6. Do not use the meter with flammable fibers, unless approved by the manufacturer.

ENGLISH (Translated from Italian)

DAILY USE

FOREWORD

The only operations that need to be done for daily use are partial or/total resettable total register resetting. The user should use only that operating system of K600 B/3. Occasionally, the meter may need to be configured or calibrated. It is also possible to reset the meter's registers.

Below are the two typical normal operation displays. One display page shows the partial and reset total registers. The other shows the partial and general total. Switchover from resettable total to general total display is automatic and fast by means of a simple operation as in factory and cannot be changed.

The General Total (Total) is shown during meter startup.

ENGLISH (Translated from Italian)

DISPLAY POSITIONING

The square base of the K600 B/3 body allows the meter to be installed in its housing, thus ensuring great versatility in positioning.

The display screen is always visible and readable from the front.

WARNING - When mounting the display of K600 B/3, be careful of not scratching the glass.

ENGLISH (Translated from Italian)

GENERAL SAFETY RULES

Essential protective equipment characteristics

Personal protective equipment that must be worn

- close-fitting clothing;
- protective gloves;
- safety goggles;

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USERS BUTTONS

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The METER features two buttons (RESET and FLOW RATE) which individually perform two main functions and, together, other secondary functions.

- for the RESET key, resetting the partial register and Reset Total - for the FLOW RATE key, entering instrument calibration mode.

Used together, the two keys permit setting configuration mode where the de-activation of measurement can be set.

LEGEND

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SHORT PRESSURE OF FLOW RATE KEY

LONG PRESSURE OF FLOW RATE KEY

SHORT PRESSURE OF RESET KEY

LONG PRESSURE OF RESET KEY

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INSTALLATION

K600 METER or PULS OUT features a 1/2 inch 3/8 inch inlet and outlet, depending on the fluid for which they were calibrated, threaded and perpendicular. It is designed for fluid in-line installation.

Make sure the threaded connections do not interfere with the inside of the measuring chamber causing the gears to work.

Do not use any conical connections which may damage the meter body or the connection flange. Only the PULS OUT version must be connected by means of 2 cables according to the electrical features in the diagram.

IMPORTANT! CARRY OUT INSTALLATION BY PLACING THE SUCTION FILTER.

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EXTERNAL POWER

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4. While the display page showing the reset total is displayed. Press the reset key again at least 2 seconds.

The display screen again shows all the segments of the display followed by the white/red segments and finally shows the display page where the reset total is shown.

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DISPENSING IN NORMAL MODE

Normal mode is the standard displaying. While the count is made, the partial and resettable total are displayed at the same time (reset total).

NOTE

Should one of the keys be accidentally pressed during dispensing, this will have no effect.

ENGLISH (Translated from Italian)

PARTIAL RESET (NORMAL MODE)

The partial register can be reset by pressing the reset key when the meter is in standby, meaning when the display screen shows the word "TOTAL".

After pressing the reset key, during reset, the display screen first of all shows all the top eight digits and then the digits that are set to 0.

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The meter body is made of cast aluminum and fitted with connections for the installation of threaded stainless steel or 316L stainless steel. At the inlet opening, a filtering disk of stainless steel mesh is installed, which can be accessed from the outside by removing the flange cover to the front side.

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COMPATIBLE LIQUIDS

The liquids compatible with K600 B/3 are as follows:

- Gasoline
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- Synthetic / Mineral
- Hydraulic Oil
- Antifreeze
- Water

DO NOT USE WITH HAZARDOUS LIQUIDS

WARNING - PLANT OPERATION RESTRICTIONS IT IS FORBIDDEN

1. Do not use the meter in a construction configuration other than that contemplated by the manufacturer.

2. Do not use the meter with flammable gases, vapors or aerosols.

3. Do not use the meter with flammable liquids, unless approved by the manufacturer.

4. Do not use the meter with flammable solids, unless approved by the manufacturer.

5. Do not use the meter with flammable dusts, unless approved by the manufacturer.

6. Do not use the meter with flammable fibers, unless approved by the manufacturer.

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DAILY USE

FOREWORD

The only operations that need to be done for daily use are partial or/total resettable total register resetting. The user should use only that operating system of K600 B/3. Occasionally, the meter may need to be configured or calibrated. It is also possible to reset the meter's registers.

Below are the two typical normal operation displays. One display page shows the partial and reset total registers. The other shows the partial and general total. Switchover from resettable total to general total display is automatic and fast by means of a simple operation as in factory and cannot be changed.

The General Total (Total) is shown during meter startup.

ENGLISH (Translated from Italian)

DISPLAY POSITIONING

The square base of the K600 B/3 body allows the meter to be installed in its housing, thus ensuring great versatility in positioning.

The display screen is always visible and readable from the front.

WARNING - When mounting the display of K600 B/3, be careful of not scratching the glass.

ENGLISH (Translated from Italian)

GENERAL SAFETY RULES

Essential protective equipment characteristics

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Used together, the two keys permit setting configuration mode where the de-activation of measurement can be set.

LEGEND

MAIN FUNCTIONS PERFORMED SECONDARY FUNCTIONS

LEGEND

SHORT PRESSURE OF FLOW RATE KEY

LONG PRESSURE OF FLOW RATE KEY

SHORT PRESSURE OF RESET KEY

LONG PRESSURE OF RESET KEY

ENGLISH (Translated from Italian)

INSTALLATION

K600 METER or PULS OUT features a 1/2 inch 3/8 inch inlet and outlet, depending on the fluid for which they were calibrated, threaded and perpendicular. It is designed for fluid in-line installation.

Make sure the threaded connections do not interfere with the inside of the measuring chamber causing the gears to work.

Do not use any conical connections which may damage the meter body or the connection flange. Only the PULS OUT version must be connected by means of 2 cables according to the electrical features in the diagram.

IMPORTANT! CARRY OUT INSTALLATION BY PLACING THE SUCTION FILTER.

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RESETTING THE RESET TOTAL

The reset total reading operation can only be performed after resetting the partial register. The reset total can be reset by pressing the reset key at length while the display screen shows reset total as on the following display page.

Schematically, the steps to take are:

1. Wait for the display to show normal standby display page (with total only display).
2. Press the reset key quickly.
3. The meter starts to reset the partial.
4. While the display page showing the reset total is displayed. Press the reset key again at least 2 seconds.

The display screen again shows all the segments of the display followed by the white/red segments and finally shows the display page where the reset total is shown.

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DISPENSING IN NORMAL MODE

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NOTE

Should one of the keys be accidentally pressed during dispensing, this will have no effect.

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PARTIAL RESET (NORMAL MODE)

The partial register can be reset by pressing the reset key when the meter is in standby, meaning when the display screen shows the word "TOTAL".

After pressing the reset key, during reset, the display screen first of all shows all the top eight digits and then the digits that are set to 0.

ENGLISH (Translated from Italian)

DISPENSING WITH FLOW RATE MODE DISPLAY

It is possible to dispense fluid, displaying at the same time:

1. the dispensing partial.
2. the Flow Rate in Partial Unit (m/min) as shown on the following display page.

Procedure for entering this mode:

1. wait for the Standby Display to go to Standby, meaning the display screen shows Total only.
2. quickly press the FLOW RATE key.
3. Start dispensing.

The flow rate is updated every 0.2 seconds. Consequently, the display could be relatively unstable at lower flow rates. The higher the flow rate, the more stable the display becomes.

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DAILY USE

FOREWORD

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DISPLAY POSITIONING

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