

	<b>TECHNICAL PRODUCT DOCUMENTATION</b>	MEZ-17 - DTR
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**SINGLE-WAY MANIFOLD (VALVE)  
type MEZ-17-00 and MEZ-17-02**

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## 1. INDICATORS AND WARNINGS

In case of not fulfilling the recommendations and warnings one can have serious body injuries, and/or serious material damages. The attendance personnel must be properly trained and acquainted with all the safety recommendations and warnings.

Reliable and safe operation of the setting element is dependent of providing the proper transportation, storing, assembling and start-up.

The present Technical Product Documentation contains important remarks in the scope of safety which were denoted with the below shown pictograms:

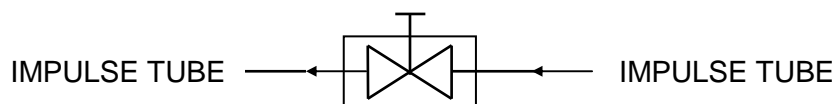
	<p><b>This sign means: “Indicator”</b></p> <p>The “Indicator” shows an operation or process being of essential importance for proper operation of the valve. In case of not observing this recommendation material damages can occur.</p>
	<p><b>This sign means: “Warning”</b></p> <p>The “Warning” shows an operation or process which in case of improper operation can cause danger to the personnel or serious material damages.</p>

## 2. APPLICATION

The single-way valves (manifolds) are used in measuring & control automation systems. They are used for cutting the pressure off at the measuring points.

It is recommended to use two valves (manifolds) for one measuring point. They are designed for using in high pressures and temperatures.

### BLOCK DIAGRAM



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### 3. CONSTRUCTION

The valve (manifold) is made of steel, grade 15HM or steel, grade 13HMF. The impulse ends are adapted for welding of the impulse tubes. The valve (manifold) is equipped with replaceable seats and plugs. For sealing of valve stem one used the seal rings made from expanding graphite.

Valves (manifolds) are provided with setting key to enable quick valve servicing.

### 4. TECHNICAL DETAILS

Details	Type MEZ-17-00	Type MEZ-17-02
Valve's (manifold's) material	15 HM	13 HMF
Nominal diameter	DN 8	DN 8
Nominal pressure	42 MPa	50 MPa
Maximum operating temperature	520°C	560°C
Mass of valve (manifold)	2,5 kg	2,5 kg

### 5. OPERATING RECOMMENDATIONS



1. The leak-proofness of gland should be checked periodically, in case the leakage of gland – the gland should be turn.
2. The valve (manifold) don't have to be maintained.

### 6. ORDERING AND DELIVERY CONDITIONS

The delivery consists of the following:

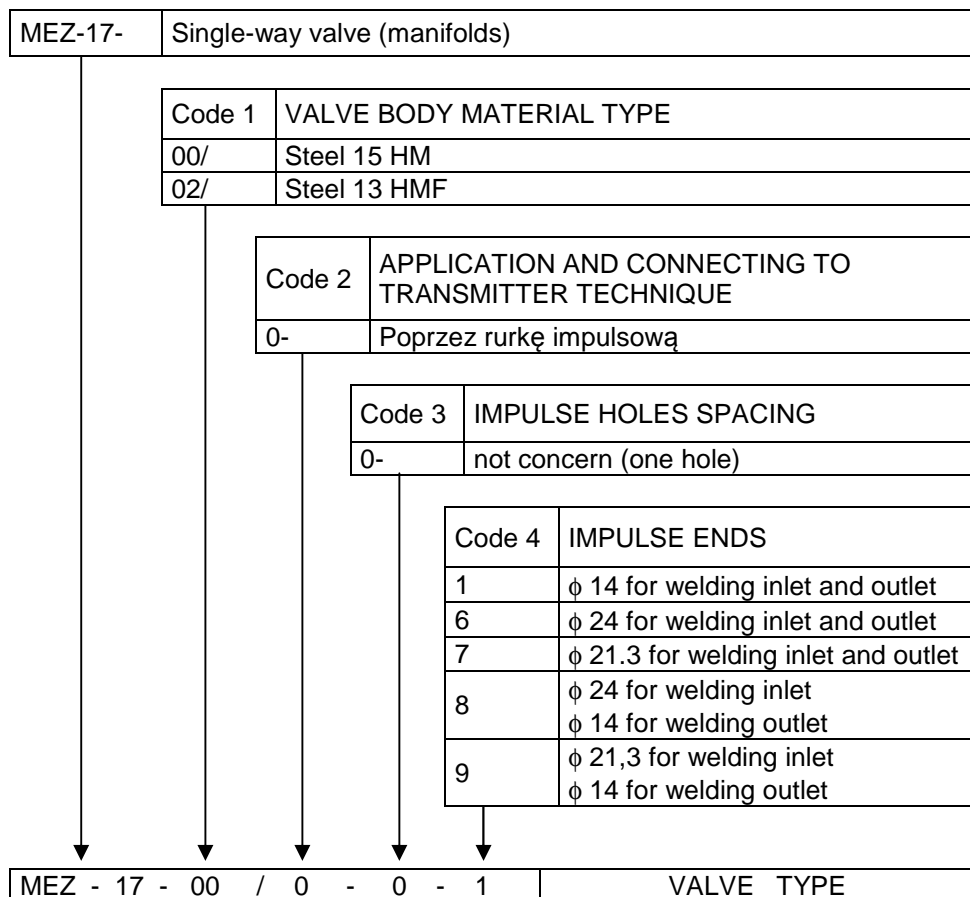
- |                                                 |      |
|-------------------------------------------------|------|
| 1. Complete valve MEZ-17-                       | 1 pc |
| 2. Key, complete, drawing no. ME2-0153          | 1 pc |
| 3. Technical Product Documentation              | 1 pc |
| 4. Guarantee Card and Certificate of Acceptance | 1 pc |

The valve is delivered in cardboard packing.

We inform the Customers that upon a separate order, we can deliver these spare parts:

- |                                           |        |
|-------------------------------------------|--------|
| 1. Plug, no. ME1-0377                     | 1 pc   |
| 2. Valve seat no. ME1-0380                | 1 pc   |
| 3. Stem seal ring – 20 dia. / 12 dia. x 8 | 5 pcs. |

## 7. ORDERING METHOD



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## 8. MANUFACTURER'S DECLARATION



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63-400 Ostrów Wielkopolski  
www.controlmatica.com.pl



Ostrów Wielkopolski, 10 października 2008r.

### OŚWIADCZENIE PRODUCENTA

Oświadczamy, że wyroby MEZ – 10 ÷ 25 spełniają wymagania dyrektywy „Urządzenia Ciśnieniowe” 97/23/WE według art. 3 ust. 3.

Są wykonane zgodnie z uznaną praktyką inżynierską i nie podlegają oznaczeniu CE.

Stosowane jako osprzęt ciśnieniowy zbiorników do gazów zaliczanych do płynów grupy 1 (klasyfikacja wg dyrektywy) mają ograniczenie ciśnienia do 20MPa.

KIEROWNIK  
DZIAŁU TECHNICZNEGO  
*mgr inż. Krzysztof Idzior*

PREZES ZARZĄDU  
*Sebastian Moch*

Ostrów Wielkopolski, on 10<sup>th</sup> October 2008

### PRODUCER'S DECLARATION

We declare that the products type MEZ-10...25, meet the requirements of the EU Directive „Pressure-type Equipment” no. 97/23/WE, according to Article 3, section 3.

These products are made with the acknowledged engineering practice and are not subject to the CE marking.

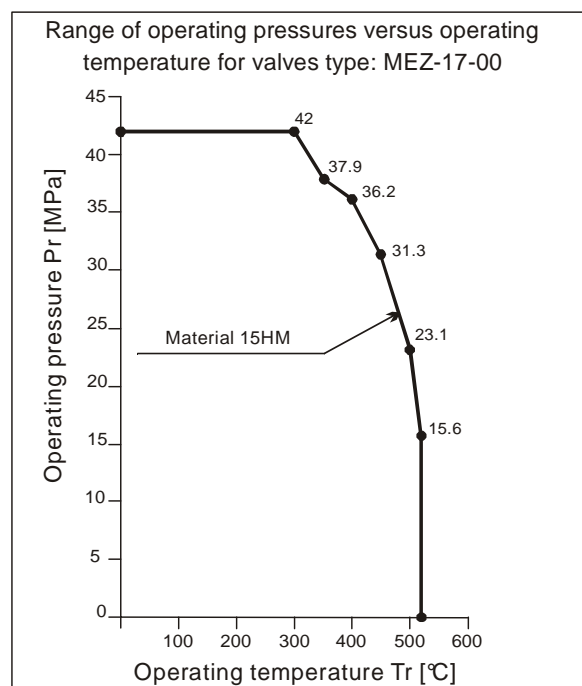
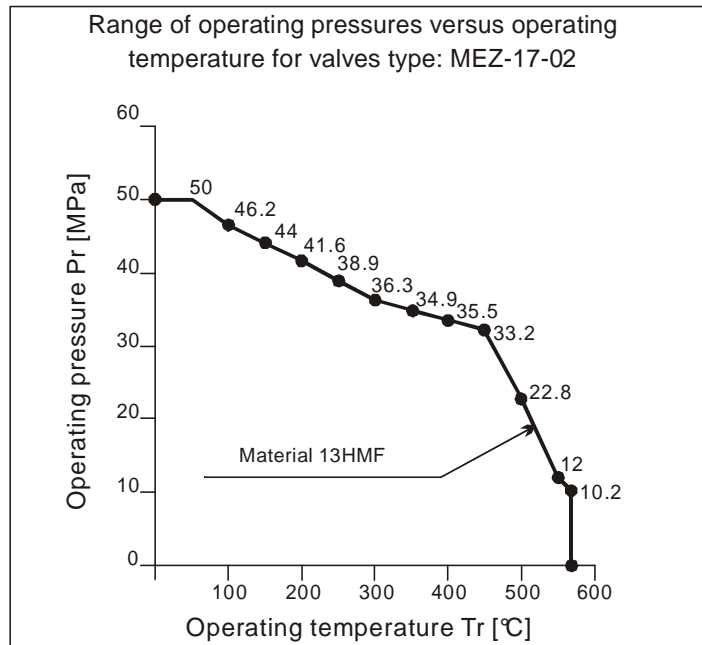
These products are used as the pressure accessories of tanks for gases included into the Group 1 liquids (classification acc. to the a. m. Directive) and have pressure limitation up to 20 MPa.

Signed by:  
Technical Dept. Manager  
(-) illegible signature  
mgr inż. Krzysztof Idzior

Signed by:  
President of the Board  
(-) illegible signature  
Sebastian Moch

## 9. ENCLOSURES

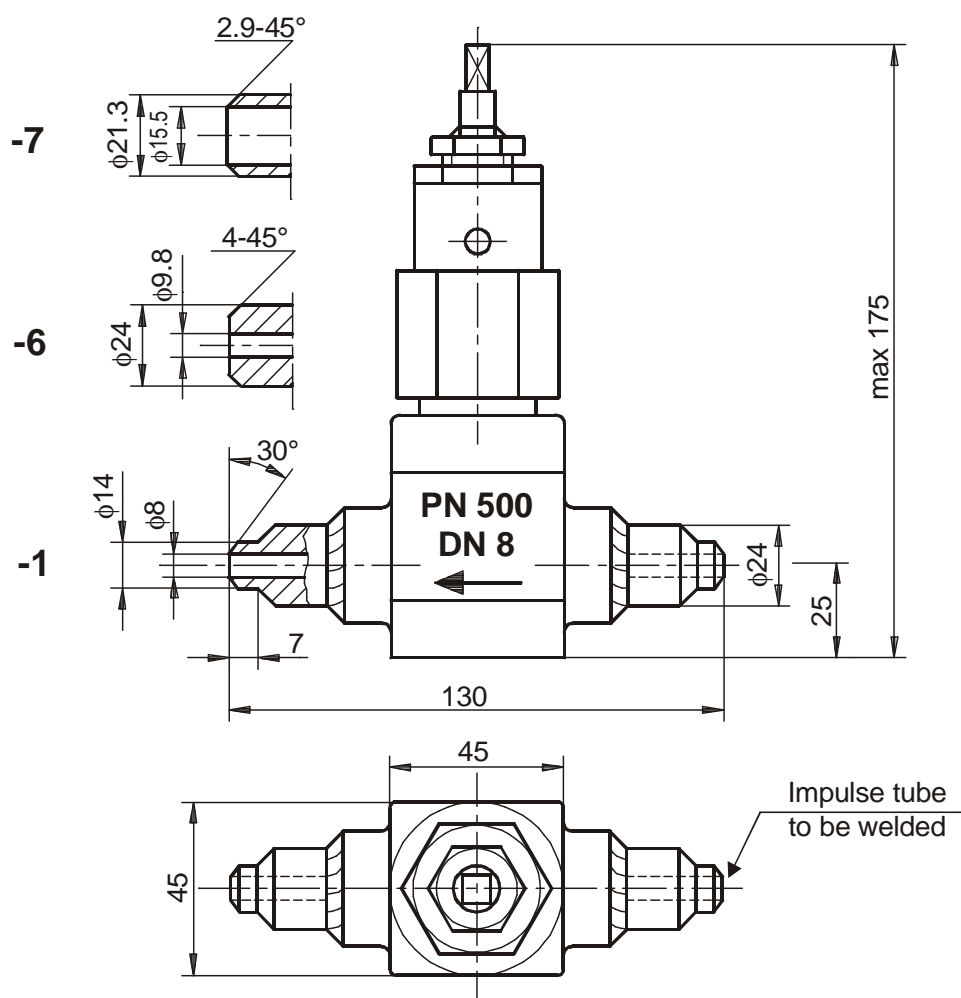
### ENCLOSURE No. 1



## ENCLOSURE No. 2

### MEZ-17-00/0-0-X DIMENSIONED DRAWING

### MEZ-17-02/0-0-X



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