

## Product description Distributor E4

### APPLICATION

Positive dividers type E4 are employed for progressive centralized lubrication systems. The grease or oil fed into them under pressure is distributed to various lubrication points or slave dividers.

If so required, the dividers can also be installed in oil circulating, single, dual or multi-line systems to divide the lubricant in a supply line and feed it to several lubrication points.

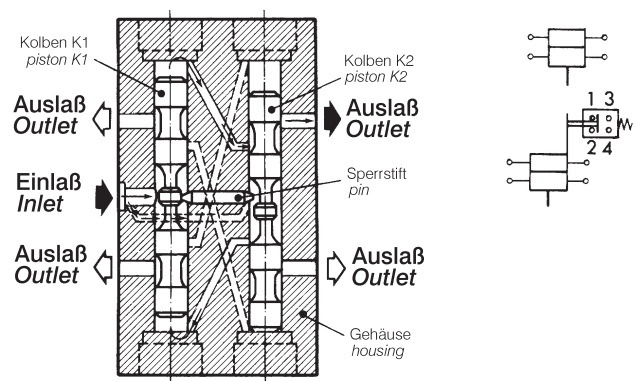


### PRODUCT CHARACTERISTICS

- Progressive distributor
- Grease and oil
- Metered volume 0.4 cm<sup>3</sup>
- Working pressure max. 160 bar
- Material: steel

### FUNCTION

Each divider incorporates two pistons that under the feed pressure of the lubricant are forced into their two end positions in alternation. A locking pin between the two pistons ensures that only one piston can move at a time. Depending on the end position of the locked piston, lubricant fed into the centre channel flows into the end space ahead of the other piston, which then moves to the opposite end position and in so doing forces the entrapped lubricant through an annular space around the locked piston and out of the discharge port. Immediately this movement is completed the piston is locked, thereby releasing the other piston, which continues the cycle.



<b>A. DISTRIBUTOR TYPE</b>	<b>Code</b>
----------------------------	-------------

PE4

<b>B. NUMBER OF OUTLETS</b>	<b>Code</b>
-----------------------------	-------------

2 outlets  
3 outlets  
4 outlets

02  
03  
04

<b>C. REVISION</b>	<b>Code</b>
--------------------	-------------

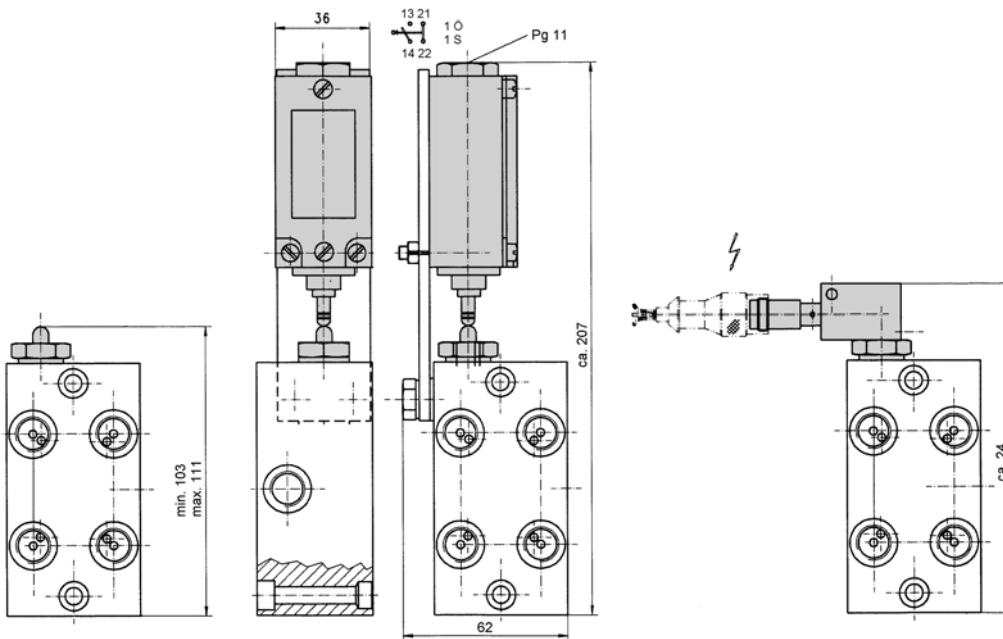
Status A

A

<b>D. MONITORING</b>	<b>Code</b>
----------------------	-------------

without motion indicator  
with motion indicator without electrical monitoring  
with motion indicator with electrical limit switch  
with motion indicator with electronic monitoring switch

00  
01  
02  
03



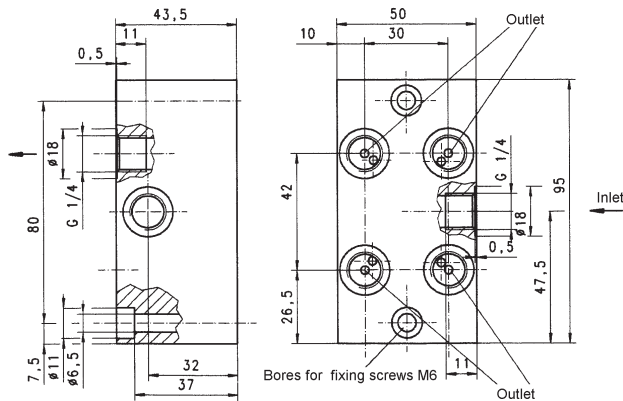
<b>E. ACCESSORIES</b>	<b>Code</b>
-----------------------	-------------

without

00

## SPECIFICATION

Max. admissible working pressure : \_\_\_\_\_ 160 bar  
 Max. admissible differential pressure between 2 outlets : \_\_\_\_\_ 100 bar  
 Control pressure min. : \_\_\_\_\_ 10 bar  
 Metered volume : \_\_\_\_\_ 0.4 cm<sup>3</sup> per piston stroke  
 Internal actuation volume : \_\_\_\_\_ 0.3 cm<sup>3</sup>  
 Temperature range : \_\_\_\_\_ - 20° C to + 80° C  
 Suitable lubricants : \_\_\_\_\_ all grease having a consistency of up to penetration class 3 and all oils having a viscosity of 190 mm<sup>2</sup>/s at service temperature (approx. 20° C).



## EXAMPLE OF ORDER

		Code									
		P	E	4	0	4	A	0	2	0	0
<b>Distributor type E4</b>	Code: PE4	—	—	—	—	—	—	—	—	—	—
<b>Number of outlets</b> 4 outlets	Code: 04	—	—	—	—	—	—	—	—	—	—
<b>Revision</b> Status A	Code: A	—	—	—	—	—	—	—	—	—	—
<b>Monitoring</b> with motion indicator with electrical limit switch	Code: 02	—	—	—	—	—	—	—	—	—	—
<b>Accessories</b> without	Code: 00	—	—	—	—	—	—	—	—	—	—