

Features

- Integral porting adapter for simple single or double outlet conversion, thus providing reduced stock by eliminating external crossports and singling bars.
- Air bleed valves built into base
- BSP threads available
- Operates up to 500 bar (7.200 PSI)
- Operates with Oil or Grease
- Full monitoring controls
- The components are zinc-plated
- The bases are always supplied complete with standard O-rings and fixing screws

Advantages

- Conventional tie rods are eliminated. There is no maximum limitation on the number of elements which can be used on the assembly.
- Auxiliary by-pass elements can be installed in the assembly to accommodate an increase or decrease in points without disturbing the base assembly or pipework
- Lubricant volume can be easily increased or decreased during system commissioning or service without disturbing the base assembly or pipework

Modular progressive distributors SMX Stainless Steel AISI 316

Easy and flexible assembly and low cost maintenance



The modular system consists of two main components: the base and the metering elements.

The modular progressive distributor is available in two versions: stainless steel Aisi 316.

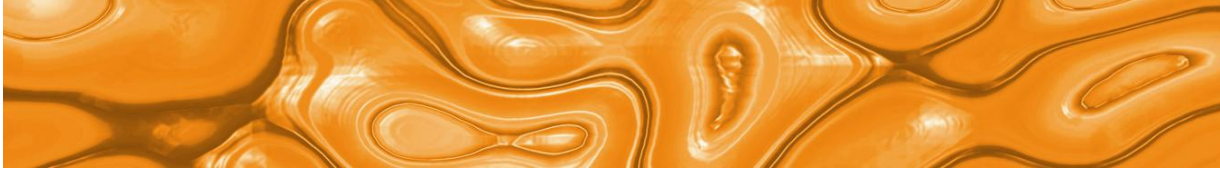
Conventional bridging pieces are eliminated. Bridging elements have been introduced and these interconnect and discharge into the adjacent element.

The distributor assembly

principle enables factory floor distributor assembly to accommodate grouping of lubrication points.

The base assembly can be mounted and piped up without the metering elements. This provides the most advantageous routing of pipe work and the elements can then be fitted to suit.

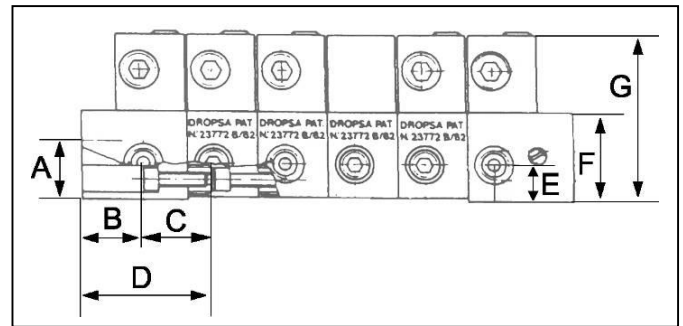
Due to the modular concept, the system can be easily extended with extra components at a low cost.



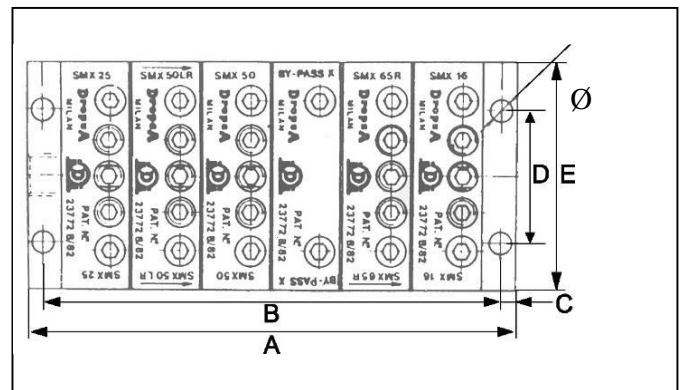
Delivery and Dimensions

| SMX METERING ELEMENTS | | | |
|-----------------------|-----------------|----------------|----------|
| DELIVERY PER OUTLET | | 1 OR 2 OUTLETS | |
| CU. IN. | Cm ³ | Symbol | AISI 316 |
| .0024 | .04 | SMX 04 | 646524 |
| .005 | .08 | SMX 08 | 646516 |
| .010 | .16 | SMX 16 | 646517 |
| .015 | .25 | SMX 25 | 646518 |
| .021 | .35 | SMX 35 | 646519 |
| .025 | .40 | SMX 40 | 646520 |
| .030 | .50 | SMX 50 | 646521 |
| .036 | .60 | SMX 60 | 646522 |
| .040 | .65 | SMX 65 | 646523 |

| SMX DIMENSIONS | | | | | | | |
|----------------|------|------|------|-------|------|----|------|
| A | | B | | C | | D | |
| mm | in | mm | in | mm | in | mm | in |
| 20 | 0.78 | 20.2 | 0.78 | 23.42 | 0.91 | 35 | 1.36 |
| E | | F | | G | | | |
| mm | in | mm | in | mm | in | | |
| 12.5 | 0.72 | 30 | 1.17 | 56 | 2.2 | | |



| SMX DIMENSIONS | | | | |
|----------------|--------|------|--------|------|
| No. Elements | A | | B | |
| | mm | in | mm | in |
| 3 | 93,02 | 3.6 | 83,02 | 3.2 |
| 4 | 116,44 | 4.5 | 106,44 | 4.1 |
| 5 | 139,86 | 5.4 | 129,86 | 5.1 |
| 6 | 163,28 | 6.4 | 153,28 | 6.1 |
| 7 | 186,70 | 7.2 | 176,70 | 6.9 |
| 8 | 210,12 | 8.2 | 200,12 | 7.8 |
| 9 | 233,53 | 9.1 | 223,53 | 8.7 |
| 10 | 256,95 | 10.1 | 246,95 | 9.6 |
| 11 | 280,37 | 10.9 | 270,37 | 10.5 |
| 12 | 303,79 | 11.8 | 293,79 | 11.4 |
| 13 | 327,21 | 12.8 | 317,21 | 12.4 |
| 14 | 350,63 | 13.7 | 340,63 | 13.3 |
| 15 | 374,05 | 14.6 | 364,05 | 14.2 |
| 16 | 397,47 | 15.5 | 387,47 | 15.1 |
| 17 | 420,89 | 16.4 | 410,89 | 16.1 |
| 18 | 444,30 | 17.3 | 434,30 | 16.9 |
| 19 | 467,72 | 18.2 | 457,72 | 17.8 |
| 20 | 491,14 | 19.1 | 481,14 | 18.8 |



| SMX DIMENSIONS | | | | | | | |
|----------------|-----|-----|-------|------|----|-----|-----|
| Type | C | | D | | E | | Ø |
| | mm | in. | mm | in. | mm | in. | |
| SMX | 5,0 | 2 | 44,45 | 1.73 | 76 | 2.9 | 7.2 |

The base

The base is made up of a minimum of three segments:

- Inlet base
- Intermediate base
- End Base

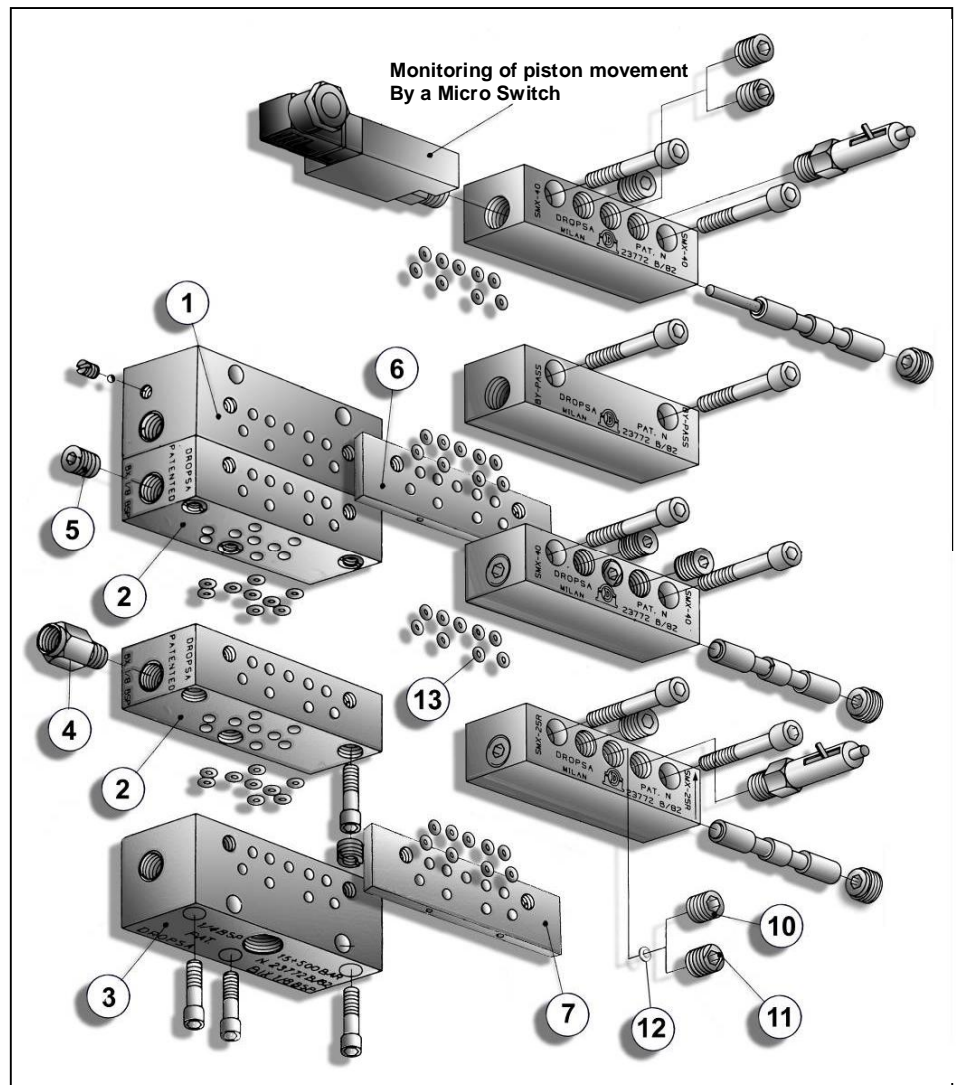
And can be increased in unlimited number by addition of intermediate sections.

This revolutionary system makes the assembly easy and flexible; there is no need to determine in advance the size of the base, just add on distributors in unlimited number by means of very simple threaded inserts supplied for the assembly (Patented).

This simple technique allows the system to operate even at very high pressure without any leakage in the assembly.

There is also the possibility of ordering with one part number only, the end base + the intermediate base already assembled. Simply add on the inlet base and you have a three base assembly.

With just 3 screws!



| Ref. | Description | SMX AISI 316 |
|------|---|-----------------|
| | Inlet Thread | 1/4 BSP |
| | Outlet Thread | 1/8 BSP |
| 1 | End Base | 646515 |
| 2 | Intermediate base | 646513 |
| 3 | Inlet base | 646512 |
| 4 | Check Valve | 519335 |
| 5 | Plug | 646254 |
| 6 | Bridge Plate Left - Right | 646223 |
| 7 | Bridge Plate Left | 646221 |
| 8 | Bridge Plate Right | 646220 |
| 9 | Bridge Plate Single outlet | 646222 |
| 10 | White adaptor for single outlet | 646251 |
| 11 | Yellow adaptor for two separate outlets | 646250 |
| 12 | Holding Disc | 641791 |
| 13 | Holding Viton O ring | |

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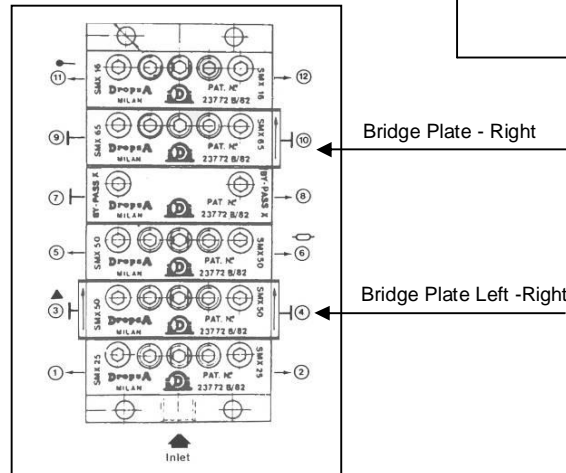
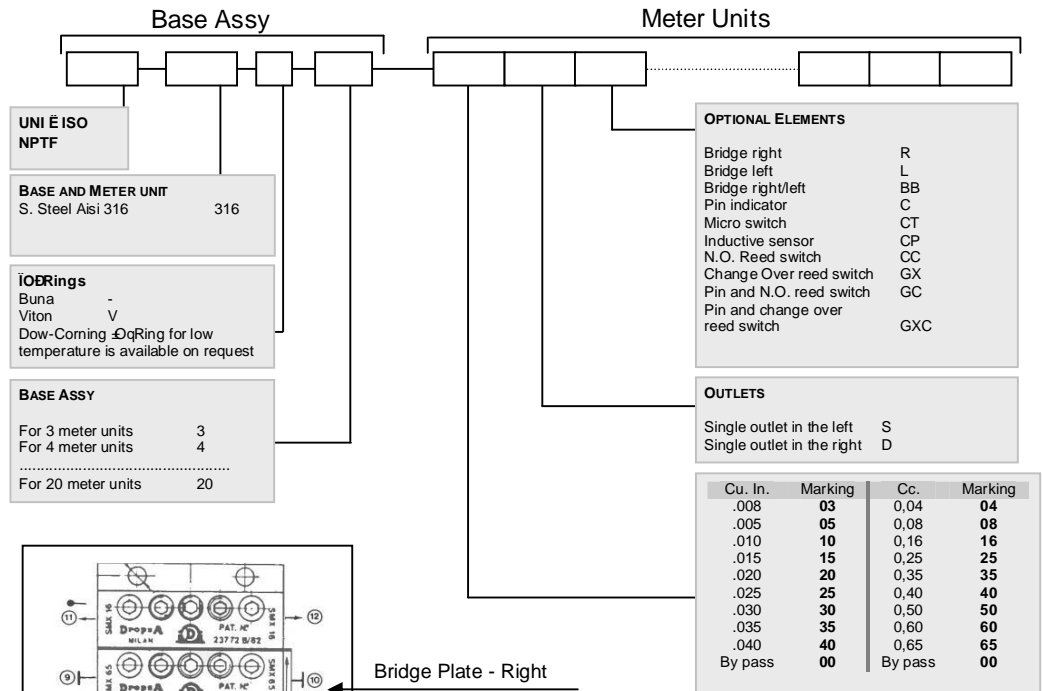
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How to order

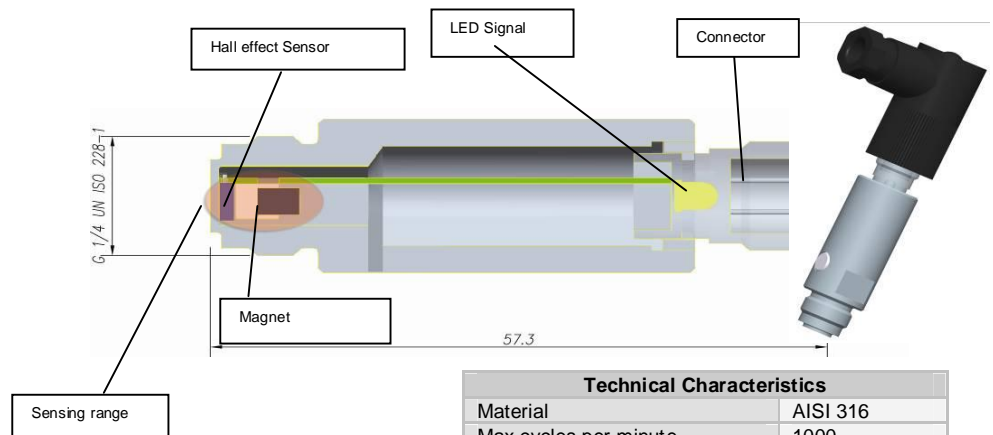


Order Example

SMX È 6 (M25 È M50LR È M50CP È 00 È M65R È M16C)

Note: the assembly is seen vertically and the outlets are in sequence; starting from the bottom (inlet) from left to right. Symbol $\pm Rq$ refers to bridge elements.

UltraSensor - Sensor for SMX



| Description | Part. No. |
|----------------|-----------|
| Sensor for SMX | 1655301 |
| Connector | 39999 |

| Technical Characteristics | |
|---------------------------|-----------------------------------|
| Material | AlSI 316 |
| Max cycles per minute | 1000 |
| Voltage (V DC) | 8 ÷ 28 V DC |
| Output signals | NPN 2A N.O. PNP 0,7A N.O. |
| Operating temperature | -10 °C ÷ +60 °C (-4 °F ÷ +158 °F) |
| Connector | M12x1 |
| Protection degree | IP 67 |

Dealer:

C2111PE WK 09/09