



## DECLARATION



We **Parker Hannifin Manufacturing Austria GmbH**  
**Pneumatic Division**  
**Dr. Alexander Schärfstrasse 12**  
**2700 Wiener Neustadt**  
**Austria**

Product	Series	Category
Filter	P3ZF A	for zone 1, 21
Regulator	P3ZR A	for zone 1, 21
Lubricator	P3ZL A	for zone 1, 21
Manifold	P3ZM A	for zone 1, 21
<b>For non-fitted solenoid product</b>		
Soft Start & Dump Valve	P3ZT A	for zone 1, 21
Soft Start Valve	P3ZS A	for zone 1, 21
Dump Valve	P3ZD A	for zone 1, 21

Following Ignition Hazard Assessments performed on the non-electrical products listed above, in accordance with the requirements of EN 13463-1:2009, it was considered that the equipment does not contain its own source of ignition, and therefore is not within the scope of directive 94/9/EC.

The products can be used in a Group II Category 2 environment assuming that the ATEX Directive and the following conditions are complied with:

- Installation and maintenance of the product must be undertaken by qualified personnel.
- Do not mount the products in an area where impact may occur.
- Filters must be used to limit the introduction of particles and to capture particles generated in service.
- Supply air quality must be within ISO 8573-1:2010 Class 1.4.2.
- Maximum working temperature to be as stated on product label.
- WARNING – pulsating pressure and/or a closed circuit can generate heat.
- Deposits of dust on the product must not exceed 5mm thickness.
  - Refer to technical file for surface areas of plastics.
  - The unit must be earthed via the compressed air supply line.
- The unit must not come into contact with liquid solvents, acids or alkalis.
  - Refer to technical file for chemicals known to be incompatible.
  - Product cleaning must be undertaken using a method complying with the specification of the ATEX zone, preferably by using mild soap and water or antistatic products.
- **Regulators, Filter Regulators:**
  - Do not use Regulators or Filter Regulators within systems that can create vibration within the Regulator/Filter Regulator unit.
- **Solenoid Operated Valves:**
  - Are suitable for use in an ATEX environment, (Group II Category 2) providing ATEX approved solenoids are fitted.
- Technical file available on request.

Approved by:

**E. Bauregger** ( Location Engineering Manager )

The all metal P3Z Series FRLs are ideal for most medium sized ring main installations.

- Self relieving feature plus balanced poppet provides quick response and accurate pressure regulation.
- Threaded port flange available to G1-1/2" and G2"
- Proportional oil delivery over a wide range of air flows.



**Operating information**

Working pressure: 0 - 17.5 bar  
 Working temperature: 0 °C to +60 °C

**Flow characteristics**

Flow	Filter	Regulator	Lubricator
	>666,6 dm <sup>3</sup> /s	>666,6 dm <sup>3</sup> /s	>666,6 dm <sup>3</sup> /s

For more information see [www.parker.com/euro\\_pneumatic](http://www.parker.com/euro_pneumatic)



**Filters**

Port size	Description	Order Code
-	40µ auto drain without flange SAE	<b>P3ZFA00HMAN</b>
G1.1/2"	40µ auto drain flange fitted to SAE	<b>P3ZFA1BHMAN</b>
G2"	40µ auto drain flange fitted to SAE	<b>P3ZFA1CHMAN</b>



**Coalescing Filters**

Port size	Description	Order Code
-	0.01 micron, auto drain	<b>P3ZFA00DMAN</b>
G1.1/2"	0.01 micron, auto drain, flange fitted to SAE	<b>P3ZFA1BDMAN</b>
G2"	0.01 micron, auto drain, flange fitted to SAE	<b>P3ZFA1CDMAN</b>



**Dust Filters**

Port size	Description	Order Code
-	1µ auto drain (pressure relief) without flange SAE	<b>P3ZFA00MMAN</b>
G1.1/2"	1µ auto drain (pressure relief) flange fitted to SAE	<b>P3ZFA1BMMAN</b>
G2"	1µ auto drain (pressure relief) flange fitted to SAE	<b>P3ZFA1CMMAN</b>



**Adsorber Filters**

Port size	Description	Order Code
-	Adsorber, auto drain	<b>P3ZFA00BMAN</b>
G1.1/2"	Adsorber, auto drain	<b>P3ZFA1BBMAN</b>
G2"	Adsorber, auto drain	<b>P3ZFA1CBMAN</b>



**Regulators**

Port size	Description	Order Code
-	8 bar, relieving + gauge, without flange SAE	<b>P3ZRA00BNGN</b>
G1.1/2"	8 bar, relieving + gauge	<b>P3ZRA1BBNGN</b>
G2"	8 bar, relieving + gauge	<b>P3ZRA1CBNGN</b>
-	16 bar relieving + gauge, without flange SAE	<b>P3ZRA00BNJN</b>
G1.1/2"	16 bar, relieving + gauge	<b>P3ZRA1BBNJN</b>
G2"	16 bar, relieving + gauge	<b>P3ZRA1CBNJN</b>



**Regulators Pilot Control**

Port size	Description	Order Code
-	16 bar, air pilot	<b>P3ZRA00BPPN</b>
G1.1/2"	16 bar, relieving + gauge	<b>P3ZRA1BBPPN</b>
G2"	16 bar, relieving + gauge	<b>P3ZRA1CBPPN</b>

**Combined Soft Start Dump Valve and Remote Operated Dump Valve**

Port size	Description	Order Code
-	Solenoid operated (not included)	<b>P3ZTA00SCN0000</b>
-	24VDC 22mm coil	<b>P3ZTA00SCNB2CN</b>
G1.1/2"	Solenoid operated (not included)	<b>P3ZTA1BSCN0000</b>
G1.1/2"	24VDC 22mm coil	<b>P3ZTA1BSCNB2CN</b>
G2"	Solenoid operated (not included)	<b>P3ZTA1CSCN0000</b>
G2"	24VDC 22mm coil	<b>P3ZTA1CSCNB2CN</b>

**Soft Start Valve**

Port size	Description	Order Code
-	Internal air pilot operated	<b>P3ZSA00Y0N</b>
G1.1/2"	Internal air pilot operated	<b>P3ZSA1BY0N</b>
G2"	Internal air pilot operated	<b>P3ZSA1CY0N</b>



**Lubricators**

Port size	Description	Order Code
-	Lubricator, without flange SAE	<b>P3ZLA00LSMN</b>
G1.1/2"	Lubricator	<b>P3ZLA1BLSMN</b>
G2"	Lubricator	<b>P3ZLA1CLSMN</b>
G2"	Central airline lubricator with electrical oil level control	<b>P3ZLA1CEMMW</b>
G2"	Central airline lubricator with aluminium bowl	<b>P3ZLA1CMMMW</b>
Lubricator OIL - VG32 - 1 Litre		<b>P3YKA00PPBB</b>



**Options & Accessories**

Port size	Description	Order Code
G1.1/2"	Connection flange kit	<b>P3ZKA1BCP</b>
G2"	Connection flange kit	<b>P3ZKA1CCP</b>
-	Wall mounting kit	<b>P3ZKA00MW</b>
-	Coupling kit	<b>P3ZKA00CB</b>
-	Coupling 'O' ring kit (5 off)	<b>P3ZKA0CCY</b>
-	Porting block kit (1", 1/8" & 2 x 1/4" take off)	<b>P3ZMA1V0N</b>