



DECLARATION



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

Product	Series	Category
Filter	P3ZFA	for zone 1, 21
Regulator	P3ZRA	for zone 1, 21
Lubricator	P3ZLA	for zone 1, 21
Manifold	P3ZMA	for zone 1, 21

For non-fitted solenoid product

Soft Start & Dump Valve	P3ZTA	for zone 1, 21
Soft Start Valve	P3ZSA	for zone 1, 21
Dump Valve	P3ZDA	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	>666,6 dm ³ /s
	Regulator	>666,6 dm ³ /s
	Lubricator	>666,6 dm ³ /s

For more information see www.parker.com/euro_pneumatic



Filters

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



Coalescing Filters

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



Dust Filters

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



Adsorber Filters

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



Regulators

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



Regulators Pilot Control

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

Combined Soft Start Dump Valve and Remote Operated Dump Valve

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

Soft Start Valve

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



Lubricators

Port size	Description	Order Code
-	Lubricator, without flange SAE	P3ZLA00LSMN
G1.1/2"	Lubricator	P3ZLA1BLSMN
G2"	Lubricator	P3ZLA1CLSMN
G2"	Central airline lubricator with electrical oil level control	P3ZLA1CEMMW
G2"	Central airline lubricator with aluminium bowl	P3ZLA1CMMMWW
Lubricator OIL - VG32 - 1 Litre		P3YKA00PPBB



Options & Accessories

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