

26 March 2018

EU-Declaration of Conformity

In accordance with Directive 2014/34/EU

IMI Norgren Prospector Air Pilot Poppet Versions Only

is in conformity with the provisions of EU Directive 2014/34/EU for use in potentially explosive atmospheres. This declaration applies to the Mechanical unit, it does not cover any Electrical device.

The object of the declaration described above is in conformity with the relevant Union harmonization legislation

Referenced Normative Documents

ISO 80079-36 Non-electrical equipment , Part 36: Basic method and requirements (ISO 80079-36:2016)

ISO 80079-37 Non-electrical equipment, Part 37: Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k" (ISO 80079-37:2016)

Equipment group, Category, Type of protection:



h IIC T6 Gb



h IIIC T85°C Db

The manufacturer

**IMI Norgren
5400 S Delaware St
Littleton, CO**

declares the following equipment can only be a combination of valve and air pilot operator as designated below:

1	2	3	4	5	6	7	8	Part Number Position
A	*	*	*	*	-	A	*	(2 Port / 2 Position, Normally Closed, Air Pilot Operator)
B	*	*	*	*	-	A	*	(2 Port / 2 Position, Normally Open, Air Pilot Operator)
C	*	*	*	*	-	A	*	(3 Port / 2 Position, Multi-Directional , Air Pilot Operator)
D	*	*	*	*	-	A	*	(3 Port / 2 Position, Normally Closed, Air Pilot Operator)
E	*	*	*	*	-	A	*	(3 Port / 2 Position, Normally Open, Air Pilot Operator)
F	*	*	*	*	-	A	*	(3 Port / 2 Position, 4 Way, Air Pilot Operator)

Position 2 (Body Thread): 1 (PTF) or A (BSPP)

Position 3 & 4 (Basic Size):

01	=	1/4"	Basic (Valve Types D, E, F)
		1/2"	Basic (Valve Types A, B, C)
02	=	1/2"	Basic (Valve Types C, D, E, F)
		1"	Basic (Valve Types A, B)
03	=	1"	Basic (Valve Types C, D, E, F)
		2"	Basic (Valve Type A)
04	=	1"	Basic (Valve Types D, E)
		2"	Basic (Valve Type C)

Position 5 (Port Size): 2 (1/4"), 3 (3/8"), 4 (1/2"), 5 (3/4"), 6 (1"), 7 (1-1/4"), 8 (1-1/2"), 9 (2")

Position 6: H (External Pilot Supply) or J (Vacuum Service)

Position 8 (Air Pilot Thread): 1 (PTF) or A (BSPP)

Norgren, Inc.

5400 S. Delaware St.
Littleton, CO
80120-1663
USA

Tel: +1 800 710 7823 or
Tel: +1 303 794 5000
Fax: +1 303 795 9487

www.imi-precision.com



Precision Engineering

*Engineering
GREAT
Solutions*



123 4 567 8 - 9 (10) (11) Part Number Position

VRA * * * * * - RA * (2 Port / 2 Position, Normally Closed, Air Pilot Operator)
 VRB * * * * * - RA * (2 Port / 2 Position, Normally Open, Air Pilot Operator)
 VRD * * * * * - RA * (3 Port / 2 Position, Normally Closed, Air Pilot Operator)
 VRE * * * * * - RA * (3 Port / 2 Position, Normally Open, Air Pilot Operator)

Position 4 (Body Thread): 1 (PTF) or A (BSPP)

Position 5, 6 & 7:

013 (3/8" Port, 1/2" Body, 2/2 Valve)
 014 (1/2" Port, 1/2" Body, 2/2 Valve)
 015 (3/4" Port, 1/2" Body, 2/2 Valve)
 023 (3/8" Port, 1/2" Body, 3/2 Valve, Normally Closed)
 024 (1/2" Port, 1/2" Body, 3/2 Valve)
 025 (3/4" Port, 1/2" Body, 3/2 Valve)
 026 (1" Port, 1" Body, 2/2 Valve)
 036 (1" Port, 1" Body, 3/2 Valve)

Position 8: H (External Pilot Supply)

Position 11 (Air Pilot Thread): 1 (PTF), 9 (1/2" PTF & 3/4" PTF),
A (BSPP), J (1/2" BSPP & 3/4" BSPP)

Notified Bodies
Reference Number
CSA Group
Hawarden
CH5 3US, England

Technical File

SIRA 18XT056

Inspection /test Certified all supplies detailed hereon have been inspected, and tested in accordance with our quality procedures, and conform in all aspects with the purchase order requirements.

Kind regards,



R Robertson, PE
Engineering Manager