

**EC – Declaration of conformity in accordance with directive
94/9/EC *) resp. 2014/34/EU **)**

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*) valid until 19.04.2016, **) valid from 20.04.2016

Equipment: Pneumatic cylinder with electrical magnetic switches

Model Series: PRA/842000/EX, PRA/842000/M/EX

Type code:

P	*	A	/	842	***	/	**	*	/	EX	/	****
	1				2		3	4				5



Pos.	Substitute in type	Description
1	R, S, C, D	Piston rod material
2	032, 040, 050, 063, 080, 100	Cylinder diameter
3	None, W1, W3, IU, W5, G, J MI, W2, MU, W6, MG	Cylinder variants: non-magnetic piston magnetic piston
4	None, 3, 4	Magnetic switch
5	10 ... 2000	Strokes

Note: This options selector explains only the cylinder variants. Additional variants/options are not possible. If option is not required, disregard option position within part number eg. PRA/842032/EX/100

Herewith the manufacturer declares that named products complies with all relevant provisions referred to the above mentioned directive and to other mentioned standards.

Referenced normative documents in accordance with the ATEX directive:

EN 13463-1:2009 Non-electrical equipment, Part 1: Basic method and requirements
EN 13463-5:2011 Non-electrical equipment, Part 5: Protection by constructional safety "c"

ATEX condition for cylinder without magnetic switches:

Equipment group, Category, Type of protection	Pos. 3 Cylinder variants
II 2GD c T4 T120°C	None, W1, W3, IU, W5, J MI, W2, MU, W6
II 3GD c T4 T120°C	G, MG

Resulting ATEX condition for cylinder with built-in magnetic switches:

Explosive atmosphere	Zone	Max. temperature	Explosion group	Pos. 3 Cylinder variants	Pos. 4 Magnetic switch
Gas	2	T4	IIC	MI, W2, MU, W6, MG	3, 4
Dust	22	T120°C	IIIC		

Note: Please observe the separate EC-Declaration of conformity for the electrical magnetic switches.

*Engineering
GREAT
Solutions*

Fellbach, December 2015

Norgren GmbH

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(Dr. Maik Fiedler)
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Norgren GmbH

i. A.
(Ulrich Sielemann)
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Geschäftsführer:
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Sitz der Gesellschaft:
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Handelsregister:
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USt.- IdNr.: DE191308280

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