



FEATURES

- Being amagnetic, inductive solid state sensors can be used on special models (with steel ring + piston)
- Can be used with lubricated and unlubricated air
- Low weight
- On request, this type of cylinder can be equipped with piston rods, and threaded fasteners of stainless steel and corrosion-resistant ends.

GENERAL

Detection	Equipped for magnetic position detectors
Fluid	Air or neutral gas, filtered, lubricated or not
Operating pressure	10 bar max.
Ambient temperature	-20°C to +60°C
Cushioning	Pneumatic, adjustable at both ends by means of captive screws
Standards	ISO 15552-AFNOR NF ISO 15552-DIN ISO 15552

Maximum stroke

Ø (mm)	32	40	50	63	80
Max. stroke (mm)	300	400	500	500	700
Maximum tie rod torque load (m.daN)	0,15	0,30	0,40	0,50	0,80

Recommendation: In view of the low heat dissipation coefficient of an epoxy barrel, this type of cylinder is not suitable for heavy duty cycles.

SPECIFICATIONS

To order, please specify :

- Cylinder description: tie rod PES epoxy barrel cylinder with cushioning, equipped for inductive detectors
- Cylinder catalogue number and stroke indication (in mm)

Ø (mm)	epoxy barrel cylinder for inductive detector *	
	catalogue number	reference
32	45051034 ... (1)	PES 32 A ... (1) DI
40	45051035 ... (1)	PES 40 A ... (1) DI
50	45051036 ... (1)	PES 50 A ... (1) DI
63	45051037 ... (1)	PES 63 A ... (1) DI
80	45051038 ... (1)	PES 80 A ... (1) DI

(1) Indicate the stroke (in mm), preferably choosing standard values (see standard equipment page P232). Maximum stroke: see above

* These cylinders are designed to receive inductive sensors supplied by others.

Supports can be supplied for **square** detectors (consult us)

MOUNTINGS: same as those of standard cylinders (see page P229-18)

DIMENSIONS: same as those of standard cylinders (see page P229-6)



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