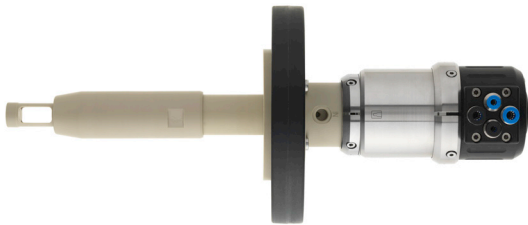


Retractable C Plastic LT

Specification Sheet (Ref 243230-XXXXXX)



The retractable pneumatic armature Retractable C Plastic LT was designed for harsh applications in the chemical industry. The compact design with a stroke of only 36 mm with an insertion depth of 194 mm keeps wear on seals to a minimum and creates excellent reliability - day and night, all year long. It can be cleaned easily and thoroughly in place. It is designed for 12 mm sensors and is equipped with several safety features (e.g. no sensor – no insertion, window to check seals for leakage etc.) to provide operator safety.

Product Specifications

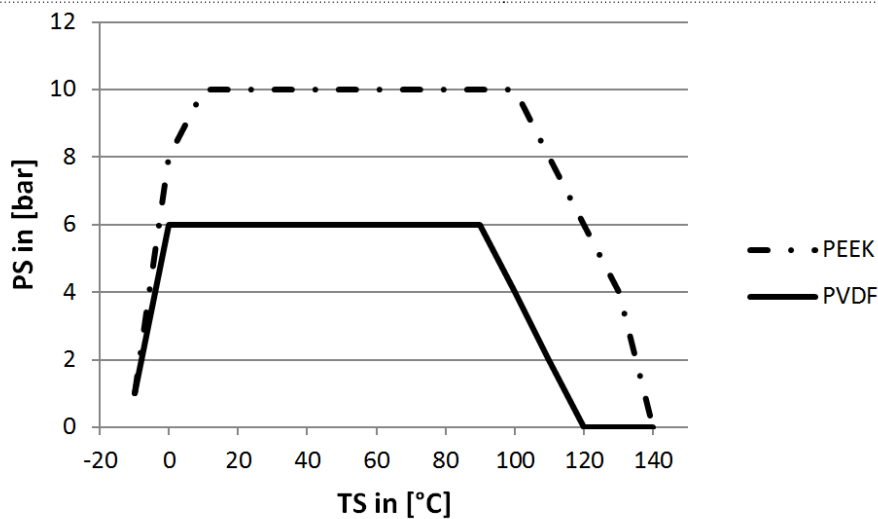
Armature Insertion Depth	194 mm
ATEX Approval	No
Autoclavable	Insertion tube and rinsing chamber
Certificate	No
CIP	Yes
Cleaning Pressure	1 to 4 bar
Cleaning Port connection	various (see Ordering Information)
Compressed Air	1 to 6 bar (filtered 40nm, water- and oil free; no continuous consumption)
Compressed Air connection	6 / 4 mm (control air); 4 / 2 mm (position sensing)
Diameter	Various (see Dimensions)
Electrode Shaft Length	325 mm (pH, ORP) / 315 mm (DO,COND)
IECEX	No
For Electrodes with	12 mm PG13,5
Materials	PVDF / DIN 2.4602; PEEK; PA6.6 GF30; O-Ring see Ordering Information
Max Diameter	165 mm

Product Specifications (continued)

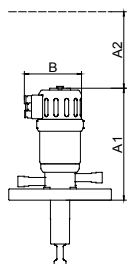
Max. Pressure	Depends on the kind of plastic used, see Process Conditions
Medium Affected Materials	PVDF / DIN 2.4602; PEEK
Min. Total Length	338 mm
O-Ring Material	Various (see Ordering Information)
Operating Temperature Range	-10 to 140 °C (see Process Conditions)
Process Connections	Flange
Sensor Insertion Depth	194 mm
Serial Number	Yes
Steam Sterilizable	Yes

Process Conditions

Max. allowed pressure PS	10 bar
Max. allowed temperature TS	140 °C



Dimensions



Holder

Dimensions Retractable C Plastic LT

A₁ [mm] 180

A₂ [mm] 480

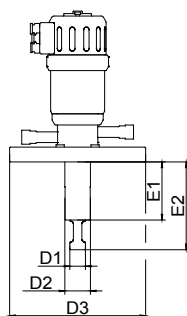
B [mm] 95

Dimensions (continued)

Process Connection Retractable C Plastic LT

A

Flange



Dimensions

C Plastic LT

E1 [mm]

158

E2 [mm]

194

D1 [mm]

Ø 19

D2 [mm]

Ø 36

D3 [mm]

Ø 165

Ordering Information

Retractex C Retractable Holder

243230	Retractex C Plastic LT					
	Code	Holder, Wetted Material				
	1	PVDF / 2.4602				
	2	PEEK				
	0	Special Design				
		Code	Seals, Wetted Material			
		1	EPDM / FDA USP class VI (elastomer certificate)			
		2	FPM			
		3	FFPM			
		0	Special Design			
			Code	Sensor		
			1	325 mm PG13,5 filled with gel		
			0	Special Design		
				Code	Process Connection	
				1	Flange DN50 PN16	
				2	Flange ANSI 2" 150 lbs	
				0	Special Design	
					Code	Cleaning Port
					1	G 1/8" (internal)
					2	G 1/4" (internal)
					0	Special Design
						Code
						Position Reply
					1	Pneumatic
					0	Special Design
Ref: 243230 -						

Accessories and Spare Parts

Reference Number	Description
243211	Service Kit Retractex C LT EPDM
243212	Service Kit Retractex C LT FPM (Viton)
243213	Service Kit Retractex C LT FFPM (Kalrez)
243250	Drive Unit - sensor 225/325 pneum. position switch
243231	Insertion Tube Retractex C LT PVDF / DIN 2.4602
243232	Insertion Tube Retractex C LT PEEK
243224	Set blind plug G 1/8" PVDF for cleaning chamber

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