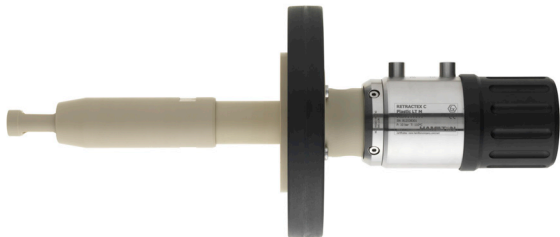


# Retractable C Plastic LT M

## Specification Sheet (Ref 243270-XXXXXX)



The retractable pneumatic armature Retractable C Plastic LT M 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. 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

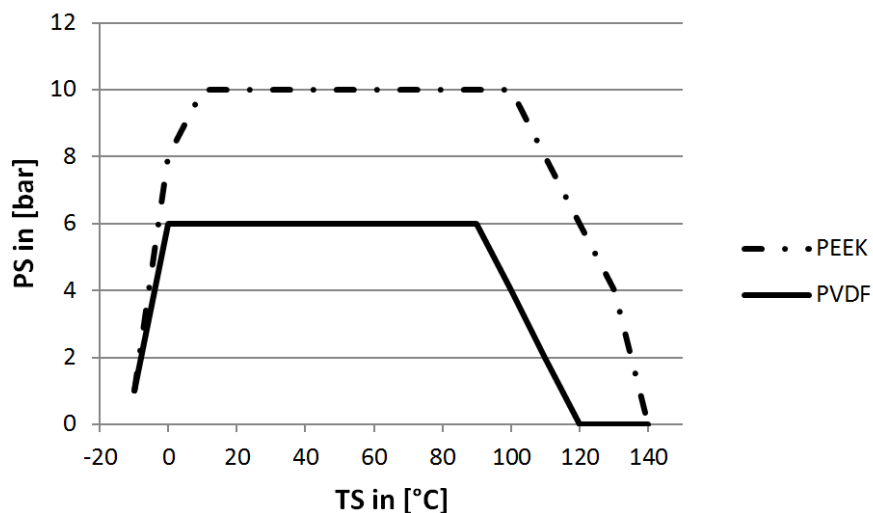
Armature Insertion Depth	194 mm
ATEX Approval	No
Autoclavable	Insertion tube and rinsing chamber
Certificate	No
CIP	Yes
Cleaning Pressure	1 to 4 bar
Cleaning Port connection	various (see Ordering Information)
Diameter	Various (see Dimensions)
Electrode Shaft Length	325 mm (pH, ORP) / 315 mm (DO,COND)
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
Max. Pressure	Depends on the kind of plastic used, see Process Conditions
Medium Affected Materials	PVDF / DIN 2.4602; PEEK

## Product Specifications (continued)

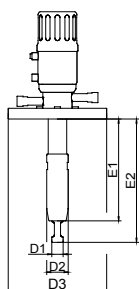
Min. Total Length	338 mm
O-Ring Material	Various (see Ordering Information)
Operating Temperature Range	-10 to 140 °C (see Process Conditions)
Process Connections	Flange
Sensor Insertion Depth	194 mm
Serial Number	Yes
Steam Sterilizable	Yes

## Process Conditions

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



## Dimensions



### Holder

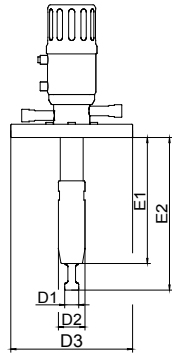
Dimensions	Retractex C Plastic LT M
A <sub>1</sub> [mm]	180
A <sub>2</sub> [mm]	480
B [mm]	69

## Dimensions (continued)

### Process Connection Retractable C Plastic LT M

A

Flange



Dimensions C Plastic LT M

E1 [mm] 158

E2 [mm] 194

D1 [mm] Ø 19

D2 [mm] Ø 36

D3 [mm] Ø 165

## Ordering Information

### Retractex C Retractable Holder

243270	Retractex C Plastic LT M						
	<b>Code</b>	<b>Holder, Wetted Material</b>					
	1	PVDF / 2.4602					
	2	PEEK					
	0	Special Design					
		<b>Code</b>	<b>Seals, Wetted Material</b>				
		1	EPDM / FDA USP class VI (elastomer certificate)				
		2	FPM				
		3	FFPM				
		0	Special Design				
			<b>Code</b>	<b>Sensor</b>			
			1	325 mm PG13,5 filled with gel			
			0	Special Design			
				<b>Code</b>	<b>Process Connection</b>		
				1	Flange DN50 PN16		
				2	Flange ANSI 2" 150 lbs		
				0	Special Design		
					<b>Code</b>	<b>Cleaning Port</b>	
					1	G 1/8" (internal)	
					2	G 1/4" (internal)	
					0	Special Design	
						<b>Code</b>	<b>Position Reply</b>
						1	Without
						0	Special Design
Ref: 243270 -							

## Accessories and Spare Parts

Reference Number	Description
243211	Service Kit Retractable C LT EPDM
243212	Service Kit Retractable C LT FPM (Viton)
243213	Service Kit Retractable C LT FFPM (Kalrez)
243256	Manual Drive Unit - sensor 225/325
243231	Insertion Tube Retractable C LT PVDF / DIN 2.4602
243232	Insertion Tube Retractable C LT PEEK
243224	Set blind plug G 1/8" PVDF for cleaning chamber

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Web: [www.hamiltoncompany.com](http://www.hamiltoncompany.com)

USA: 800-648-5950

Europe: +41-58-610-10-10

### Hamilton Americas & Pacific Rim

4970 Energy Way  
Reno, Nevada 89502 USA  
Tel: +1-775-858-3000  
Fax: +1-775-856-7259  
[sales@hamiltoncompany.com](mailto:sales@hamiltoncompany.com)

### Hamilton Europe, Asia, & Africa

Via Crusch 8  
CH-7402 Bonaduz, Switzerland  
Tel: +41-58-610-10-10  
Fax: +41-58-610-00-10  
[contact.pa.ch@hamilton.ch](mailto:contact.pa.ch@hamilton.ch)

To find a representative in your area, please visit [hamiltoncompany.com/contacts](http://hamiltoncompany.com/contacts).