

Proximity Sensor SIES-Q40B-PA-X-2L - Festo 150492

Item no. FES-150492

Manufacturer Festo

EAN 4052568116507

Festo sensor for reliable monitoring of position, pressure or status in the pneumatic system.

TECHNICAL DATA

HS-Code	85365019
Material	PET
Norm	EN 60947-5-2
Protection rating	IP65
Series	SIES
Temperature (max.)	85
Weight	0.22 kg



DESCRIPTION

Festo sensor for reliable monitoring of position, pressure or status in the pneumatic system. The key technical data of this genuine Festo article are listed below.

Complies to standard	EN 60947-5-2
Permission	c UL us - Listed (OL) RCM Mark
CE certificate (see declaration of conformity)	to EU EMC directive
Material information	Copper and PTFE-free
Measurement switching distance [mm]	15,0
Secured safety distance [mm]	12,20
Reduction factors	aluminium = 0,3 stainless steel St 18/8 = 0,7 Copper = 0.25 brass = 0,3 Steel pc. 37 = 1.0
ambient temperature [°C]	-25 to 85
Repeatability [mm]	0,75
Control output	PNP
Switching element function	Anti-valent
Max. switching frequency [Hz]	100
Max. switching frequency DC [Hz]	100

Max. output current depending on temperature	150 mA at $\leq 85\text{ }^{\circ}\text{C}$ 200 mA at $\leq 50\text{ }^{\circ}\text{C}$
Voltage drop [V]	3,5
Short circuit resistance	Cycling
Operating voltage range DC [V]	10 to 30
residual ripple	10 %
Empty run current [mA]	$\leq 40\text{ mA}$
Reverse polarity protection	for all electrical connections
Electrical connection	Screw clamp
size	40x40x120 mm
Fastening type	With throughway bores
Integration type	flush
Product weight [g]	230
Housing material	PET
Switching status indicator	LED yellow
Protection category	IP65
Plug housing material	PA PBT
Cable screwing	M20x1,5
Permitted cable diameter [mm]	7.5 to 12.5
Operation-readiness display	LED green