

Vickers by Danfoss ® EM

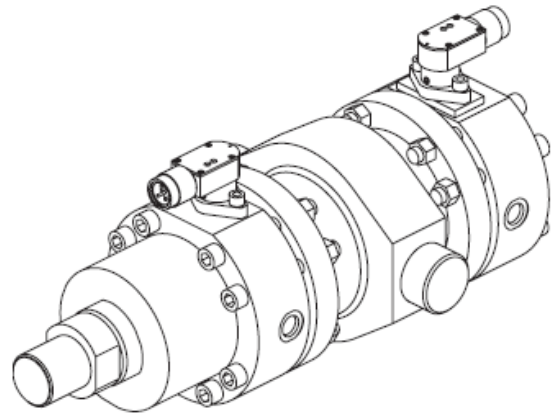


Engineered for the durability required for heavy-duty applications.

Proximity switches for series EM cylinder are inductive type switches with sensing probe that “looks” at the cushion collar or button to provide extended or retracted indication. Since the probe is inside the cylinder. Harsh external environments don’t affect sensing. The 2-wire circuit will operate on AC or DC and works as reliably as a programmable controller. Proximity switches will meet UL requirements for 3000-psi (210 bar) hydraulic cylinder. Switch will allow 304° rotations. Short Circuit protection is standard feature on the proximity switch. SCP protects the switch from shorts in load or line. Upon sensing short condition, the switch assumes a non-conducting mode. The fault condition must be removed and power turned off in order to reset the switch. This feature prevents unintended automatic restarts. The switch indicated when it is in SCP mode by flashing both leads. Torque the ¼-20 mounting screws to 15 ft-lb (20 Nm).

Series PS 200 2-wire AC / DC Proximity Switch Specifications:

Pressure	3000 PSI
Sensing Range	0.08 in ± 10 %
Sensing distance from End of stroke	0.25” - 0.38” stroke to go
Operating temperature range	-13° to +158° F
Repeatability	0.001 in
Switching differential	≤ 15%
Supply Voltage	20 - 250 V AC / DC
Voltage drop	≤ 6 V
Load Current capacity @ 25° C	5-400 mA
Inrush current	≤ 3A (t ≤ 20ms)
Indicating LED's (Standard)	1 lit: Power on non-conducting 2 lit: Target present (Both flashing = SCP mode)



This product is intended for users having technical expertise. Improper use, selection or application of the cylinders and/or their related accessories can cause or result in Death, Bodily Injury and/or Property Damage. For assistance, please consult an Danfoss representative at 952-937-9800.