**FESTO** 

## Limit switch attachments QH-DR-E

Technical data

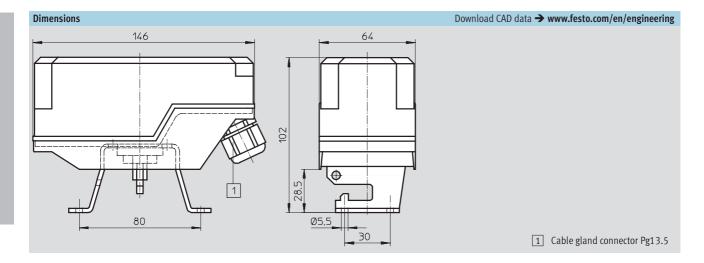
Limit switch attachment with choice of

- 3 sensing methods:
- Pneumatic with micro stem actuated valve S-3-PK-3-B
- Electrical with micro switch with roller lever, IP 67 (splash-proof) S-3-E-SW-B
- Inductive with proximity sensor SIEN-M12-NB-B



Technical data			
Pneumatic sensing			
Medium	Filtered compressed air, lubricated or unlubricated		
Function	3/2-way valve, directly actuated, normally closed		
Pneumatic connection	Barbed fitting for 3 mm plastic tubing		
Nominal size	1.8 mm		
Operating pressure range	-1 +8 bar		
Connection	Pg13.5		
Temperature range	−10 +60 °C		
Electrical sensing			
Utilisation category	AC 15/AC 12; DC 13/DC 12		
Operating voltage range	0 250 V AC; 0 250 V DC		
Rated operating current at	Ohmic load (AC 12 / DC 12): 230 V DC: 0.3 A, 230 V AC: 10 A		
rated operating voltage	Inductive load (AC 12 / DC 12): 230 V DC: 0.3 A, 230 V AC: 10 A		
Rated surge voltage	2.5 kV		
Cross-section of connectable cables	0.2 2.5 mm <sup>2</sup>		
Electrical connection	Cable gland connector Pg13.5		
Temperature range	-25 +80 °C		
Protection class	Housing IP65		
CE symbol	Yes, to EN 60 947-5-1: 1991		
CL Symbot	103, 10 EN 00 747 7 1. 1771		
Inductive sensing			
Operating voltage range	10 30 V DC		
Rated operating current	200 mA		
Idle current	≤1 mA		
Output	Short circuit proof, reverse polarity protected		
	Voltage drop: ≤ 3.2 V, residual current: ≤ 0.01 mA		
Cross-section of connectable cables	0.2 2.5 mm <sup>2</sup>		
Electrical connection	Cable gland connector Pg13.5		
Temperature range	−25 +85 °C		
Display	Yellow LED		
Protection class	Housing IP65		
CE symbol	Yes, to EN 50 947-5-2:1995		

Materials		
Housing base	Polymer	
Cover	Transparent polymer	
Seal	Ethylene propylene rubber	



Ordering data		
Sensing principle	Part No.	Туре
Pneumatic with S3-PK-3-B	164 855	QH-DR-E-S3-PK-3-B-B
Electrical with S3-E-SW-B	164 854	QH-DR-E-S3-E-SW-B
Inductive with SIE-M12-NB-B	164 853	QH-DR-E-SIEN-M12-NB-B