Thin parallel hand (bush/bearing guide) Double acting

HLA/HLB Series

Operational stroke length: HLA 15, 20, 25mm
 HLB 13, 18, 23mm





Specifications

RRC GRC

RV3*

NHS HR LN

HAP BSA2

LHAG LHAG HKP

HLAG/ HLBG HEP HCP HMF HMFB HFP HLC HGP

HBL
HMD
HJL
BHE
CKG
CK
CKA

CKJ CKL2

CKH2
CKLB2
NCK/
SCK/FCK
FJ
FK

Ending

<u> </u>						
Descriptions		HLA			HLB	
Size	12CS	15CS	20CS	12CS	15CS	20CS
Cylinder bore size mm	φ12	φ15	φ20	φ12	φ15	φ20
Actuation	Double acting					
Working fluid	Compressed air					
Max. working pressure MPa	0.7					
Min. working pressure MPa	0.3			0.1		
Ambient temperature °C	5 to 60					
Port size	M5					
Operational stroke length mm	15	20	25	13	18	23
Capacity of reciprocating cm ³	1.69	3.53	7.85	1.47	3.18	7.22
Repeatability mm	±0.03			±0.01		
Product weight kg	0.152	0.276	0.504	0.214	0.402	0.678
Lubrication	Not required (when lubricating, use turbine oil Class 1 ISO VG32)					

Switch specifications and variations

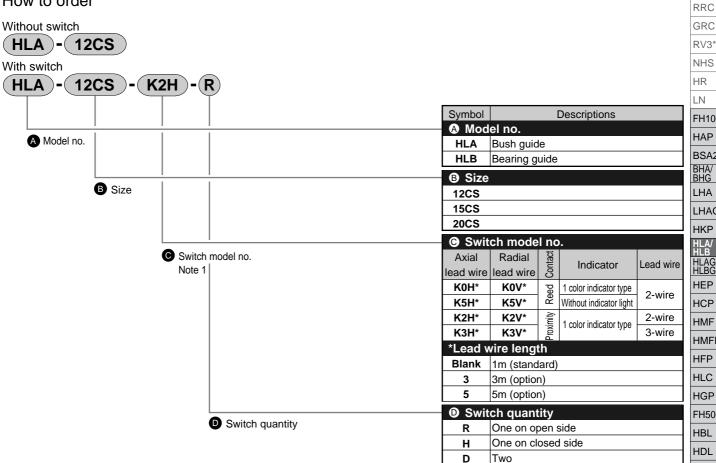
Descriptions	Proximity 2 wire	Proximity 3 wire			
	K2H/K2V	K3H/K3V			
Applications	Programmable controller	Programmable controller, relay			
Output method	•	NPN output			
Power voltage	-	10 to 28 VDC			
Load voltage/current	10 to 30 VDC, 5 to 20 mA (Note 1)	30 VDC or less, 50mA or less			
Light	LED (ON lighting)				
Leakage current	1mA or less	10 μA or less			
Maximum shock resistance	980m/s²				

Descriptions -	Reed 2 wire					
	K0H/K0V	K5H/K5V				
Applications	Programmable controller, relay	Programmable controller, relay, IC circuit (w/o light), serial connection				
Power voltage		-				
Load voltage/current	12/24 VDC, 5 to 50 mA 110 VAC, 7 to 20 mA	5/12/24 VDC, 50mA or less 110 VAC, 20mA or less				
Light	LED (ON lighting)	None				
Leakage current	0mA					
Maximum shock resistance	294m/s ²					

Note 1: Max. load current above: 20 mA at 25°C. The current will be lower than 20mA if ambient temperature around switch is higher than 25°C. (5 to 10mA with 60°C)

HLA/HLB Series

How to order



A Note on model no. selection

Note 1: Switches other than (C) switch model no. are available. (Custom order) Refer to Ending 1 for details.

<Example of model number>

HLB-12CS-K2H-R

How to order

Model: Thin parallel hand

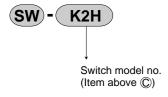
A Model no. : Bearing guide HLB

B Size : 12CS

Switch model no. : Proximity K2H switch, lead wire 1m

D Switch quantity : One on open side

How to order switch



NHS HR LN FH100 HAP BSA2 BHA/ BHG LHA LHAG HKP HEP HCP **HMF HMFB** HFP HLC HGP FH500 HBL HDL HMD HJL BHE CKG CK CKA CKS CKF CKJ CKL2 CKL2 -*-HC CKH2 CKLB2 NCK/ SCK/FCK FJ FΚ Ending

Thin parallel hand Hand