



Centering hand

BHE Series

- Operational stroke length: 7, 10, 14, 16, 22mm



Specifications

Descriptions	BHE-01CS	BHE-03CS	BHE-04CS	BHE-05CS	BHE-06CS
Cylinder bore size mm	$\phi 12$	$\phi 16$	$\phi 20$	$\phi 25$	$\phi 32$
Working fluid	Compressed air				
Max. working pressure MPa	0.7				
Min. working pressure MPa	0.2				
Ambient temperature °C	5 to 60				
Port size	M3		M5		
Operational stroke length mm	7	10	14	16	22
Rod diameter mm	$\phi 6$	$\phi 8$	$\phi 10$	$\phi 12$	$\phi 16$
Repeatability mm	± 0.01				
Centering precision mm	± 0.05				
Product weight kg	0.108	0.154	0.260	0.438	1.040
Lubrication	Not required (when lubricating, use turbine oil Class 1 ISO VG32)				

Switch specifications

Descriptions	Proximity 2 wire	Proximity 3 wire
	T2H/V	T3H/V
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, 100mA or less
Light	LED (ON lighting)	
Leakage current	1mA or less	10 μ A or less

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)

* The BHE-LN Series with a length measurement sensor is also available.
Refer to page 211 for details.

How to order

BHE - **03CS** - **D** - **T2H** - **R**

A Size

B Option
Note 1

C Switch model no.

D Switch quantity

Symbol	Descriptions			
A Size				
01CS				
03CS				
04CS				
05CS				
06CS				
B Option				
Blank	Standard			
D	Open angle adjustment mechanism			
E	Close angle adjustment mechanism			
DE	Open and close angle adjustment function			
C Switch model no.				
Axial lead wire	Radial lead wire	Contact	Indicator	Lead wire
T2H*	T2V*	Proximity	1 color indicator type	2-wire
T3H*	T3V*			3-wire
*Lead wire length				
Blank	1m (standard)			
3	3m (option)			
5	5m (option)			
D Switch quantity				
R	One on open side			
H	One on closed side			
D	Two			

RRC
GRC
RV3*
NHS
HR
LN
FH100
HAP
BSA2
BHA/ BHG
LHA
LHAG
HKP
HLA/ HLB
HLAG/ HLBG
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
FK
Ending

Centering hand
Hand

<Example of model number>

BHE-03CS-D-T2H-R

- A** Size : 03CS
- B** Option : Open angle adjustment mechanism
- C** Switch model no. : Proximity T2H, lead wire 1m
- D** Switch quantity : One on open side

How to order switch

SW - **T2H**

Switch model no.
(Item above **C**)