

Wide angle hand Double acting/single acting

HDL Series

Open and close angle: 0□to 180□





Specifications

RRC

RV3*

HR LN

HAP BSA2

LHAG LHAG HKP

HLA/ HLB HLAG/ HEP HCP HMF HMFB HFP HLC HGP FH500

HBL
HDL
HMD
HJL
BHE
CKG

CKA
CKS
CKF
CKJ

CKL2 -*-HC

CKH2
CKLB2
NCK/
SCK/FCK
FJ
FK
Ending

0 0 0 0 0 0 0		
Descriptions	HDL	
Size	3CS	4CS
Cylinder bore size m	n	<i>ϕ</i> 40
Actuation	Double acting/single acting	
Working fluid	Compressed air	
Max. working pressure MF	0.7	
Min. working pressure MF	0.3	
Ambient temperature	5 to 60	
Port size	M5	Rc1/8
Open angle Degre	0 to 180	
Rod diameter m	n	<i>ϕ</i> 16
Capacity of reciprocating cr	7.8	53.2
Repeatability m	±0.2	±0.1
Product weight	0.6	2.40
Lubrication	Not required (when lubricating, use turbine oil Class 1 ISO VG32)	

Switch specifications

Descriptions	Proximity 2 wire	Proximity 3 wire
	T2H/T2V	T3H/T3V
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	10μ A or less
Maximum shock resistance	980m/s ₂	
Lead wire	Standard 1m	Standard 1m
	(oil resistant vinyl cabtire cable 2-conductor 0.2mm²)	(oil resistant vinyl cabtire cable 2-conductor 0.2mm²)

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 \sc C . (5 to 10mA with 60 \sc C)



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CKD



RRC

GRC

RV3 NHS

HR

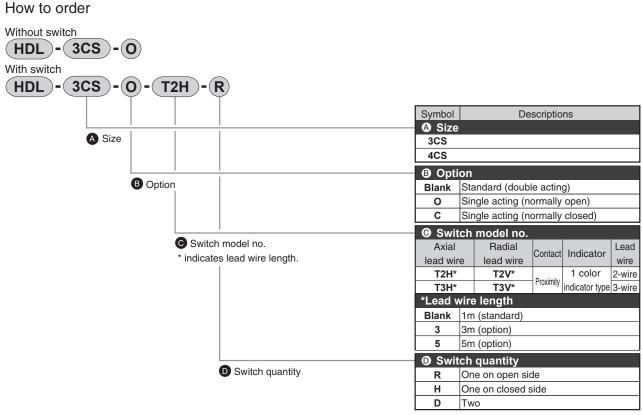
LN

FH100

HAP

BSA2

BHA/ BHG



<Example of model number>

HDL-3CS-O-T2H-R

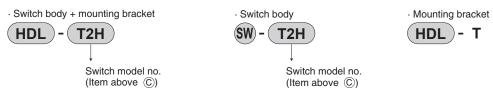
Model: Wide angle hand A Size

B Option : Single acting, normally open type Switch model no.: Proximity T2H switch, lead wire 1m

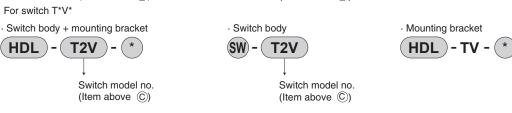
D Switch quantity : One on open side

How to order switch

For switch T*H*



For switch T*V*



(Select either R (open) or H (closed) for sections marked with an asterisk (*).)

