

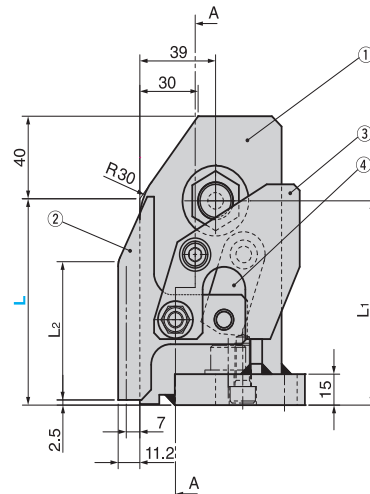
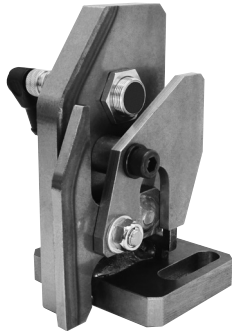
Panel Input Detector Gauge

PARALLEL LINK GAUGE SURFACE HARDENED TYPE

CAD
FILE

HTKHL (L Type)

HTKHR (R Type)

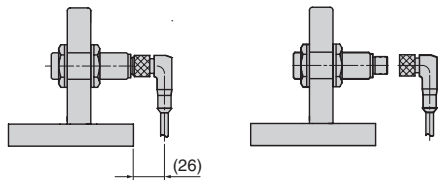


■EFFECTOR Connector(IG0348, UL Standard)

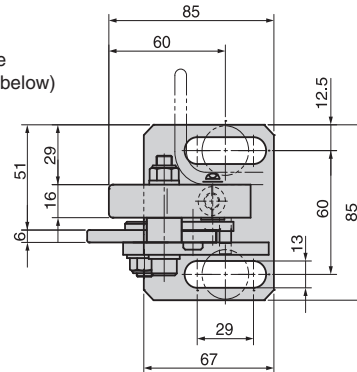
- Operation Power Voltage;
AC/DC (common) for 20V to 250V
- Connector Type - with anti-loosening mechanism;
Neither the wire adjustment nor switch replacement are required for this removable cable type. (See the figure below)

EFFECTOR's
Switch Mounted

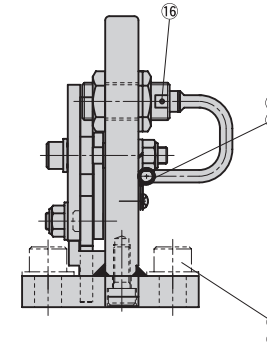
* Connector (cable)
disconnected.



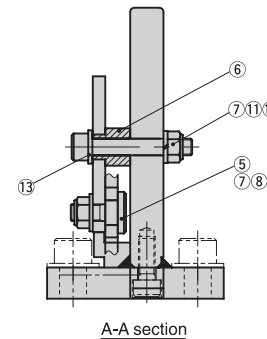
(The switch turns on at 7mm
away from the gauge surface.)



* The lead wire length is 5m.



* This figure shows the L type. The
R type is symmetrical.



■Table of Components

No.	Discription	Qty	Material and Remark
①	Gauge	1	S45C HRC50 to 60
②	Detection Lever	1	S45C HRC50 to 60
③	F Link	1	SS400
④	R Link	1	SS400
⑤	Pin	1	S45C
⑥	Collar	1	S45C
⑦	U Nut	2	M8
⑧	Flat Washer	1	M8
⑨	Round Head Screw	1	M4×8
⑩	Cable clip	1	UC-1
⑪	Spring Washer	1	M8
⑫	Hexagon Socket Head Bolt	1	M8×50
⑬	Flat Washer	1	WSSBH16-8-2
⑭	Hexagon Socket Head Bolt	2	M12×35 (Accessory)
⑮	Flat Washer	2	M12 (Accessory)
⑯	Proximity Switch(for AC)	(1)	E2E-X5Y1 5M by Omron
⑰	Proximity Switch(for DC)	(1)	E2E-X5C118 5M by Omron
⑱	Proximity Switch(for EC)	(1)	IG0348 by EFFECTOR

L1	L2	Catalog No.	L	Switch Type
99	42	HTKHL HTKHR	75	AC(for 24V to 240V)
99	67		100	DC(24V)
124	117		150	EC(EFFECTOR connector) SN(without switch)



Order

Catalog No.	L	Switch Type
HTKHL	100	AC
HTKHR	150	SN

NOTES:

- The detection lever (②) pushes the switch (⑰) by working in parallel. Therefore, the adjustment is unnecessary for gauge mounting surface, lever length, and axis of lever.
- The detection lever working in horizontal reduces necessary step machining between die face and gauge mounting surface down to 3mm.
- The clearance between detection lever and die face becomes about a half compared with an conventional product.

