Series MRHQ **Auto Switch Installation Example** and Mounting Position

Various auto switch applications will be available with combinations of using different numbers of auto switches and varieties of detecting positions. 1) Detection when Gripping Exterior of Workpiece

Detection example		1. Confirmation of fingers in reset position	2. Confirmation of workpiece held	3. Confirmation of workpiece released		
Position to be detected		Position of fingers fully opened	Position when gripping a workpiece	Position of fingers fully closed	MHZ	
Operation of auto switch		Switch turned ON when fingers return. (Light ON)	Switch turned ON when gripping a workpiece. (Light ON)	When a workpiece is held (Normal operation): Switch to turn OFF (Light not illuminating) When a workpiece is not held (Abnormal operation): Switch to turn ON (Light illuminating)	MHL	
stection mbination	One auto	•	•		МНК	
	switch Two auto switches	•	•	•	MHS	
		•	•	•	MHC	
How to determine auto switch installation position		Step 1) Fully open the fingers.	Step 1) Position fingers for gripping a workpiece.	Step 1) Fully close the fingers.	MHT MHY	
					MHW	
At no pressure or low pressure, connect the switch to a power supply, and follow the directions.		Step 2) Refer to "Mounting Switches to Verify Opening/Closing of Gripper" on page 12-11-19 and position an auto switch in switch mounting groove.				
		Step 3) Slide the auto switch in the direction of the arrow until the indicator light illuminates. Step 4) Slide the auto switch further in the direction of the arrow until the indicator light goes out. Step 5) Move the auto switch in the opposite direction and fasten it at a position 0.3 to 0.5 mm beyond the position where the indicator light illuminates.	and fasten it at a position 0.3 to 0.5 mm in the direction of the arrow beyond the position where the indicator light illuminates.			
\mathcal{O}	Note 2) When ho			oke. nce of the combinations listed in the above		

Series MRHQ **Auto Switch Installation Example** and Mounting Position

Various auto switch applications will be available with combinations of using different numbers of auto switches and varieties of detecting positions. 2) Detection when Gripping Interior of Workpiece

Detection example		1. Confirmation of fingers in reset position	2. Confirmation of workpiece held	3. Confirmation of workpiece released		
Position to be detected		Position of fingers fully closed	Position when gripping workpiece	Position of fingers fully opened		
Operation of auto switch		Switch turned ON when fingers return. (Light ON)	Switch turned ON when gripping a workpiece. (Light ON)	When a workpiece is held (Normal operation): Switch to turn OFF (Light not illuminating) When a workpiece is not held (Abnormal operation): Switch to turn ON (Light illuminating)		
s	One auto	•	-			
Detection combinations	switch		•	•		
ctio bina	Two auto switches	•	•	¥		
Detection combinati			•	•		
с о		•		•		
How to determine auto switch installation position		Step 1) Fully close the fingers.	Step 1) Position fingers for gripping a workpiece.	Step 1) Fully open the fingers.		
pressi switch	pressure or low ure, connect the to a power y, and follow the ions.	Step 2) Refer to "Mounting Switches to Verify Opening/Closing of Gripper" on page 12-11-19 and position auto switch in switch mounting groove.				
		Step 3) Move the auto switch in the direction of the arrow and fasten it at a position 0.3 to 0.5 mm beyond the position where the indicator light illuminates.	Step 3) Slide the auto switch in the direction of the arrow until the indicator light illuminates.			
		Position where light turns ON	Step 4) Slide the auto switch in the direction of the arrow until the indicator light goes out.			
		Position to be secured	Step 5) Move the auto switch in the opposite of 0.5 mm in the direction of the arrow be illuminates.			
\bigcirc	Note 1) It is recom	mended that gripping of a workpiece be p	performed close to the center of the finger str n/close stroke of fingers, detecting performa	oke.		

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