

Bill Recycle Module (BRM56T)

Function of Sensor

BM	No	Name	Function	RANK	Type	Remarks
	1	GS001	Media remained on Interface-F (CEN)	C	Separation Type	
	2	GS002	Monitoring Interface-F Run	C		
	3	GS003	Monitoring Gate Motivation and Run	A		
	4	GS004	RTC Pass Detection	B		
	5	GS005	Checking Transit CST Path	-		
	6	GS006	Sensor for CSM Path Error	A		
	7	GS021	Gate Motivation and Run Monitor MID	C		
	8	GSB01	Detecting naught on RTC (Left)	C		
	9	GSB02	Detecting naught on RTC (Right)	C		
	10	GS014	Detecting CSM-BM Interface	C		
	11	GS018	Detecting Transit Transport Interface	-		
	12	GS020	3Way Gate Entry Sensor (RJ Handling)	B		
	13	GS007	GM002 Encoder Sensor		All-in-one Type	
	14	GS008	3Way Gate 0°, 120° Regular Position Detection			
	15	GS009	3Way Gate Blade Position Control			
	16	GS010	RTC Demounting Sensor/Door Open			
	17	GS013	Sensor for BMU Mounting or Demounting			
	18	GS015	Sensor for TSK Mounting or Demounting			
	19	GS016	GM006 Encoder Detection (CSM)			
	20	GS017	GM007 Encoder Detection (MID)			
	20	GS019	GM009 Encoder Detection (Transit)			
	21	GS023	GM004 Encoder Detection (MID)			
	22	GS026	Sensor for BMD Mounting or Demounting			
	23	GS027	Transit CST Mounting or Demounting Detection			
	24	GSA06	RJC, RT/RJC PP Encoder Detection			
	25	GS012	BMU Interlock		Cherry	
	26	GS025	BMD Interlock			

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	No	Name	Function	RANK	Type	Remarks
BC	1	GS801A	Sensor of BC Deposit/Dispensing section	B	Separation Type	
	2	GS801B	Sensor of BC Deposit/Dispensing section	B		
	3	GS802A	Sensor of BC Collected section	B		
	4	GS802B	Sensor of BC Collected section	B		
	5	GS803	Open Detection Sensor		All-in-one Type	

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CSM	No	Name	Function	RANK	Type	Remarks
	1	GS601	Sensor for receiving detection (left)	C	Separation Type	
	2	GS603	Sensor for receiving detection (right)	C		
	3	GS616	Sensor for receiving detection (middle)	C		
	4	GS604	Sensor for normal bill detection (left)	C		
	5	GS605	Sensor for normal bill detection (right)	C		
	6	GS606	Sensor for detecting bills folded in half (left)	C		
	7	GS607	Sensor for detecting bills folded in half (right)	C		
	8	GS617	Sensor for detecting bills folded in half (middle)	C		
	9	GS608	Separation Control (left ~ middle)	A		
	10	GS609	Separation Control (right ~ middle)	A		
	11	GS610	Separation END Detection Sensor (left)	C		
	12	GS611	Separation END Detection Sensor (right)	C		
	13	GS612	Separation Control Sensor (left)	A		
	14	GS613	Separation Control Sensor (right)	A		
	15	GS615	Separation Control Sensor (middle)	A		
	16	GS618	Stack Control Sensor (left)	A		
	17	GS619	Stack Control Sensor (right)	A		
	18	GS620	Shutter PL Hand-Detection Sensor (Front)	C		
	19	GS624	Shutter PL Hand-Detection Sensor (Rear)	C		
	20	GS625	Receiving & Hand-Detection Sensor (Left)	C		
	21	GS626	Receiving & Hand-Detection Sensor (Middle)	C		
	22	GS627	Receiving & Hand-Detection Sensor (Right)	C		
	23	GS650	Detecting the preparation position for PP Deposit		All-in-one Type	
	24	GS651	Detecting the preparation position for BP Dispense			
	25	GS652	Detecting the preparation position for FP Deposit			
	26	GS655	Separation Pressure Control Sensor			

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	27	GS656	Separation Phases Detection Sensor			
	28	GS657	G-Roller Phases Detection Sensor			
	29	GS658	Shutter Open Detection Sensor			
	30	GS659	Shutter Close Detection Sensor			
	31	GS660	Detecting Missed/Retracted Position of PP			
	32	GS661	Detecting the preparation position for BP Deposit			
	33	GS663	Lifer Up Detection Sensor			
	34	GS664	Lifter Down Detection Sensor			
	35	GS665	Bill Support Moving Actuator Sensor			
	36	GS666	Bill Support Down Detection Sensor			
	37	GS667	Stopper Home Position Detection			
	38	GS668	Stopper Media Position Detection			
	39	GS669	Bill Support Up Detection Sensor			
	40	GS654	Outer Shutter Solenoid Lock Regular Position			
	41	GS670	Outer Shutter Close Detection			
	42	GS671	Outer Shutter Open Detection			

	No	Name	Function	RANK	Type	Remarks
TSK	1	GS701	Separation Control Sensor (Left)	A	Separation Type	
	2	GS702	Separation Control Sensor (Right)	A		
	3	GS703	Detecting Media Residual (Left)	C		
	4	GS704	Detecting Media Residual (Right)	C		
	5	GS706	Push Plate Control Sensor (Left)	C		
	6	GS707	Push Plate Control Sensor (Right)	C		
	7	GS751	Separation Pressure Detection Sensor		All-in-one Type	
	8	GS752	Separation Phases Detection			
	9	GS754	Front Plate Lock Detection			
	10	GS756	Push Plate Bottom Detection			
	11	GS757	Multi Stopper Detection			
	12	GS758	FP Stack Position Detection			

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	No	Name	Function	RANK	Type	Remarks
RJC	1	GSA01	Detecting RJC Entry / Number of Bill	C	Separation Type	
	4	GSA51	Front Plate Control		All-in-one Type	
	5	GSA52	Compaction Detection			
	6	GSA52	PP Bottom Detection			

* When the RJC is used on the position of DPC, "D" will be used instead of "A" of sensor number.

	No	Name	Function	RANK	Type	Remarks
RT/ RJC	1	GSA01	Detecting RJC Entry / Number of Bill	C	Separation Type	
	2	GSA02	Detecting internal transport path	B		
	3	GSA03	Detecting the number of bills in RTC	C		
	4	GSA04	Naught Detection of RTC (Left)	C		
	5	GSA05	Naught Detection of RTC (Right)	C		
	6	GSA51	Front Plate Control		All-in-one Type	
	7	GSA52	Compaction Detection			
	8	GSA53	PP Bottom Detection			
	9	GSA54	Gate switchover detection sensor			

	No	Name	Function	RANK	Type	Remarks
RC	1	GSx01	Separation Control Sensor (Left)	B	Separation Type	
	2	GSx02	Separation Control Sensor (Right)	B		
	3	GSx04	Naught Detection Monitor	C		
	4	GSx05	Sensor for controlling the number of bills separated	C		
	5	GSx07	Feed Roller Phase Control		All-in-one Type	
	6	GSx08	Pick-Up Roller Separation Pressure Detection			
	7	GSx11	Full Detection Sensor			
	8	GSx12	Bottom Detection Sensor			
	9	GSx13	Sensor for detecting Stack Roller Stepping Back Phase			
	10	GSx14	Front Plate Position Control Sensor			
	11	GSx15	Sensor for detecting the residual quantity of bills			

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Name & Function of Actuator

	No	Name	Description	Part Number	Type
BM	1	GM001	Drive Motor of BC & Front Transport Path	5510000088	BLDCMotor
	2	GM002	TOP Transport Path motor	5510000088	
	3	GM003	3Way gate motor	5640000135	Step Motor
	4	GM004	MID Transport Path Drive motor	5510000075	BLDC Motor
	5	GM005	RJC Push Plate motor	5510000096	DC Motor
	6	GM007	MID RJC/DPC motor	5510000075	BLDC Motor
	7	GM006	Motor of lower transport path of CSM	5510000075	
	8	GG001	Front gate solenoid	3200000210	Rotary Solenoid
	9	GG002	UTC gate solenoid	3200000210	
	10	GG003	3Way gate solenoid	3200006976	
	11	GG004	Transit Retract/ Reject gate solenoid	3200000210	
	12	GG005	RJC gate solenoid	3200000210	
	13	GG006	RC1 gate solenoid	3200000210	
	14	GG007	RC2 gate solenoid	3200000210	
	15	GG008	RC3 gate solenoid	3200000210	
	16	GG009	RC4 gate solenoid	3200000210	

	No	Name	Description	Part Number	Type
CSM	1	GM006	Motor of lower transport path of CSM	5510000075	BLDC Motor
	2	GM601	Drive Motor of CSM Separation section	5640000136	Step Motor
	3	GM602	CSM Push Plate Drive motor	5640000075	Step Motor
	4	GM603	CSM Back Plate Drive motor	5640000075	Step Motor
	5	GM604	CSM Inside Shutter Drive Motor	5640000199	Step Motor
	6	GM606	CSM Lifter Drive motor	5640000133	Step Motor
	7	GM607	CSM Stopper Drive motor	5640000137	Step Motor
	8	GM608	CSM Outside Shutter Drive Motor	5640000199	Step Motor
	9	GM609	CSM Bill Support motor	5640000133	Step Motor
	10	GG601	Shutter lock release solenoid	5639000026	Linear Solenoid

	No	Name	Description	Part Number	Type
TSK	1	GM701	Drive Motor of TSK Separation section	5640000213	Step Motor
	2	GM702	TSK Push Plate	5640000095	

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			Drive motor		
	3	GM703	TSK Stack Damper Drive motor	5640000095	

	No	Name	Description	Part Number	Type
RC	1	GMX01	Drive Motor of RC Separation Section	5510000029	BLDC Motor
	2	GMX02	RC Push Plate Drive motor	5510000014	DC Motor
	3	GGX01	RC security	5639000026	Linear Solenoid

	No	Name	Description	Part Number	Type
BMD	1	GGA01	Gate switchover solenoid in the RT/RJC	5639000032	Rotary Solenoid