



RENHOTEC

CIRCULAR CONNECTOR

RENHOTEC GROUP LIMITED

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CIRCULAR CONNECTOR

MAKE THE FUTURE INTELLIGENT AND SMART



RENHOTEC

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ABOUT US

RENHOTECH

20,000^{m²}

Factory Area

280⁺

Employees

ISO/IATF

Certificated



Founded in 2008, Renhotec is committed to being a global leading solution provider in the field of electrical electronic and industrial connectors.

Renhotec supplies high quality products and provide professional services globally in the industry sectors such as telecommunications industrial automation automotive instrument, railway, new energy marine and offshore machinery, etc. The company won the recognition from partners from the world.

By providing global customers with professional and reliable connectivity solutions, Renhotec is making contributions to creating a smart and interconnected world.





R&d team

From the research and development, mold making to production and processing of connectors, every link is supervised by senior engineers. The entire team has rich experience in the processing of connectors and wire harnesses

Instruments and equipment

Equipped with stamping, injection molding, electroplating manufacturing process technologies and high-precision equipment, it meets the high-quality and high-precision requirements of connectors and terminals. The adoption of automated assembly technology ensures the stable quality of connectors and enhances production efficiency.



Detection and testing

A fully qualified professional laboratory is equipped with general-purpose experimental equipment and customized intermittent testing equipment, capable of conducting tests such as electrical, mechanical performance, and environmental performance analysis, strictly in accordance with requirements.



International certification

After more than a decade of effort and technical expertise, the company has obtained the ISO 9001 and IATF16949 quality management system certifications, as well as international certifications including UL (United States) TUV (Germany) and CE and RoHS (Europe).



Application field

- ❖ We are currently discovering alternate OEMs or suppliers for sensors and actuator cables and wires. At present, we consume various sensors & actuators cables and wires for our AGV, AMR products.

Servo motor

The trend of networking and movement is also evolving, and the connection methods of servo motors are being upgraded. The application of drag chain cables and high-protection-level connection requirements is accelerating. The M12 / M23 series developed by Renhao Weiye meet the demands of motors of various specifications.



Industrial camera

The development of the Internet of Things (IOT) has promoted the rapid growth of industrial cameras, which play a crucial role in industrial manufacturing and the logistics industry. The M12 connector developed by Renhotech Weiye has better solved the connection problem of industrial cameras in harsh environments and with high transmission requirements.



Industry 4.0

Industry 4.0 is mainly the process of industrial networking. Wireless gateways and wireless management of equipment are widely applied to radio frequency antennas, mainly rubber rod antennas.



Smart Warehousing

The intelligent warehousing warehouse robot realizes the automation of warehousing and logistics. The system automatically replenishes goods and precisely guides operations in coordination with mobile terminals. As a product of the M series, the Zhaowei micro-drive system can efficiently complete the sorting of goods and optimize the logistics process.



Railway

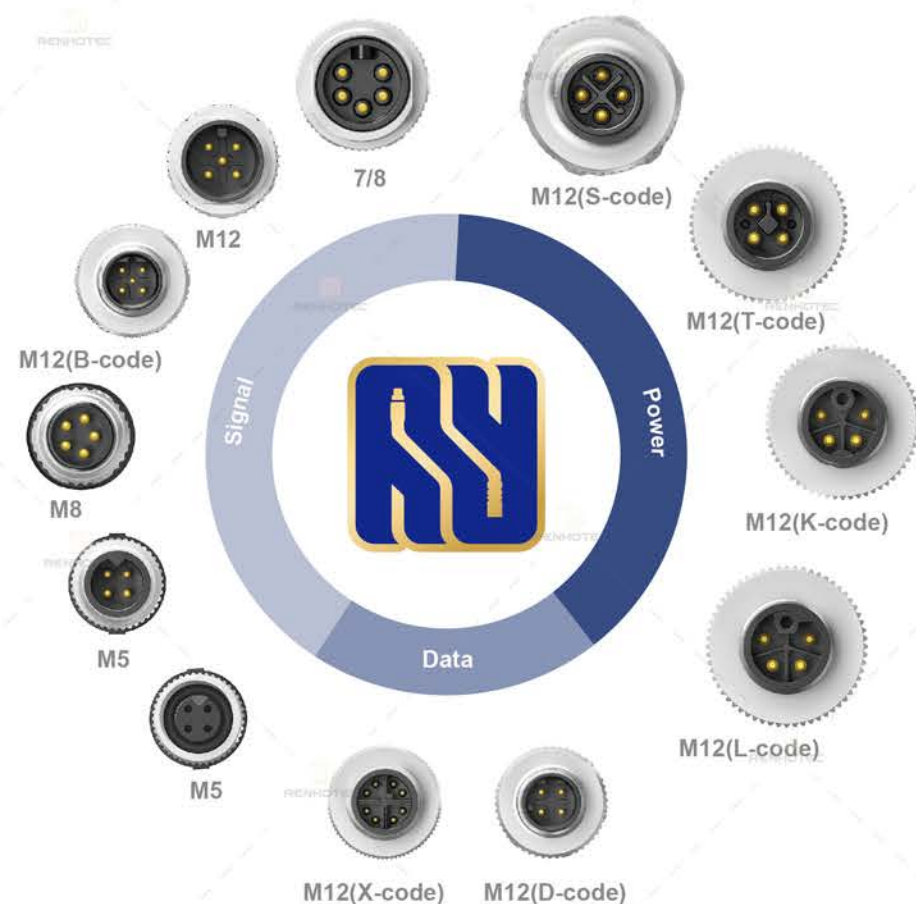
In the field of rail transit, industrial connectors are indispensable and are applied in multiple systems such as vehicle air conditioning and traction. They are classified by function into current, control and network connectors, with emphasis on water resistance, corrosion resistance and high-temperature performance.



M SERIES CODE



PRODUCT CATALOG



• Signal

Signal connectors in models M5 to M23 have a wide range of applications. Different models with 3 to 19 pins can be customized as needed. Available wiring methods include IDC quick wire-free connection, screw-type, spring-type, quick-connect, soldering, crimping, or PCB connection.

• Data

Data connectors enable fast and reliable data communication, suitable for industrial and infrastructure sectors. We provide M8 and M12 circular shielded connectors, compatible with all common industrial fieldbuses and networks.

• Power

The power connector series includes various types, ranging from compact M12 to high-power M58. The product portfolio is comprehensive, covering cable connectors, equipment connectors, and PCB connectors, with distinct advantages.

❖ M5 Series	07P
Panel Mount Receptacle / Cable Assembly / Overmolded Cable	
❖ M8 Series	08 – 10P
Plug / Panel Mount Receptacle / Cable Assembly / Overmolded Cable / Splitter	
❖ M9 Series	11P
Plug / Panel Mount Receptacle / Cable Assembly / Overmolded Cable	
❖ M12 Series	12 – 21P
ABD Code / X Code / Power	
❖ M16 Series	22 – 23P
Plug / Panel Mount Receptacle / Cable Assembly / Overmolded Cable / Splitter	
❖ M23 Series	24 – 25 P
623T Series / 623 Signal Series / 923 Power Series	
❖ 7/8" Series	26 – 27 P
Plug / Panel Mount Receptacle / Cable Assembly / Overmolded Cable / Splitter	
❖ New Products	28 – 29 P

M5 SERIES

			
01	02	03	04
Part No. M5005	M5003	M5007	M5001
			
05	06	07	08
Part No. M5006	M5004	M5008	M5002
			
09	10	11	12
Part No. RHT-634-1410	RHT-634-1411	M5005-XXX	M5003-XXX
			
13	14	15	16
Part No. M5007-XXX	M5001-XXX	M5010	M5009
			
17	18		
Part No. M5012	M5011		

M8 SERIES

			
01	02	03	04
Part No. RHT-634-3369	RHT-634-3368	RHT-634-1330	RHT-634-1354
			
05	06	07	08
Part No. RHT-634-3231	RHT-634-3230	RHT-634-1278	RHT-634-3118
			
09	10	11	12
Part No. RHT-634-3127	RHT-634-3232	RHT-634-1421	RHT-634-1300
			
13	14	15	16
Part No. RHT-634-1298	RHT-634-1296	RHT-634-1201	RHT-634-1307
			
17	18	19	20
Part No. RHT-634-3233	RHT-634-1412	RHT-634-3150	RHT-634-1301

M8 SERIES

			
21	22	23	24
Part No. RHT-634-3234	Part No. RHT-634-1346	Part No. RHT-634-1204	Part No. RHT-634-1018
			
25	26	27	28
Part No. RHT-634-3282	Part No. RHT-634-3281	Part No. RHT-634-3507	Part No. RHT-634-3506
			
29	30	31	32
Part No. RHT-634-1421-XXX	Part No. RHT-634-1300-XXX	Part No. RHT-634-1298-XXX	Part No. RHT-634-1296-XXX
			
33	34	35	36
Part No. RHT-634-3150-XXX	Part No. RHT-634-1301-XXX	Part No. RHT-M8002	Part No. RHT-M8001
			
37	38	39	40
Part No. RHT-M8004	Part No. RHT-M8003	Part No. RHT-M8008	Part No. RHT-M8007

M8 SERIES

			
41	42	43	44
Part No. RHT-M8010	Part No. RHT-M8009	Part No. RHT-M8006	Part No. RHT-M8005
			
45	46	47	48
Part No. RHT-605-4080	Part No. RHT-605-4081	Part No. RHT-700-0430	Part No. RHT-700-0431
			
49	50		
Part No. RHT-700-0086	Part No. RHT-700-0085		

M9 SERIES

			
01	02	03	04
Part No. RHT-634-3177	RHT-634-3141	RHT-634-3178	RHT-634-3257
			
05	06	07	08
Part No. RHT-634-3179	RHT-634-3256	RHT-634-3259	RHT-634-3258
			
09	10	11	12
Part No. RHT-634-3178-XXX	RHT-634-3256-XXX	RHT-634-3179-XXX	RHT-634-3256-XXX
			
13	14	15	16
Part No. M9002	M9001	M9004	M9003

M12 ABD CODE

			
01	02	03	04
Part No. RHT-634-3371	RHT-634-3370	RHT-634-3223	RHT-634-3091
			
05	06	07	08
Part No. RHT-634-3373	RHT-634-3372	RHT-634-3325	RHT-634-3324
			
09	10	11	12
Part No. RHT-634-3292	RHT-634-3291	RHT-634-3221	RHT-634-3220
			
13	14	15	16
Part No. RHT-634-3327	RHT-634-3326	RHT-634-3294	RHT-634-3293
			
17	18	19	20
Part No. RHT-634-1390	RHT-634-1322	RHT-634-1422	RHT-634-1386

M12 ABD CODE

			
21	22	23	24
Part No. RHT-634-1355	RHT-634-1314	RHT-634-1337	RHT-634-1306
			
25	26	27	28
Part No. RHT-634-3423	RHT-634-3245	RHT-634-3189	RHT-634-3154
			
29	30	31	32
Part No. RHT-634-1423	RHT-634-1185	RHT-634-3065	RHT-634-3064
			
33	34	35	36
Part No. RHT-634-3067	RHT-634-3066	RHT-634-3069	RHT-634-3068
			
37	38	39	40
Part No. RHT-634-3077	RHT-634-3076	RHT-634-3224	RHT-634-3392

M12 ABD CODE

			
41	42	43	44
Part No. RHT-634-3391	RHT-634-3531	RHT-634-3530	RHT-634-3266
			
45	46	47	48
Part No. RHT-634-3200	RHT-634-3309	RHT-634-3308	RHT-634-3124
			
49	50	51	52
Part No. RHT-634-3255	RHT-634-3239	RHT-634-3515	RHT-634-1390-XXX
			
53	54	55	56
Part No. RHT-634-1322-XXX	RHT-634-1422-XXX	RHT-634-1386-XXX	RHT-634-3423-XXX
			
57	58	59	60
Part No. RHT-634-3245-XXX	RHT-634-3189-XXX	RHT-634-1423-XXX	RHT-634-1185-XXX

M12 ABD CODE

			
61	62	63	64
Part No. RHT-634-3065-XXX	Part No. RHT-634-3064-XXX	Part No. RHT-634-3067-XXX	Part No. RHT-634-3066-XXX
			
65	66	67	68
Part No. RHT-634-3309-XXX	Part No. RHT-634-3124-XXX	Part No. RHT-634-3255-XXX	Part No. RHT-M12002/M12006
			
69	70	71	72
Part No. RHT-M12001/M12005	Part No. RHT-M12004/M12008	Part No. RHT-M12003/M12007	Part No. RHT-M12014
			
73	74	75	76
Part No. RHT-M12013	Part No. RHT-M12016	Part No. RHT-M12015	Part No. RHT-605-10056
			M12 Double-End Customized Cable
77	78	79	80
Part No. RHT-605-10055	Part No. RHT-605-10058	Part No. RHT-605-10057	

M12 ABD CODE

			
81	82	83	84
Part No. RHT-634-3639	Part No. RHT-634-3640	Part No. RHT-634-3399	Part No. RHT-634-3413
			
85	86	87	88
Part No. RHT-634-3366	Part No. RHT-634-3367	Part No. RHT-605-3641	Part No. RHT-605-2934
			
89	90	91	92
Part No. RHT-634-3262	Part No. RHT-634-3578	Part No. RHT-634-3400	Part No. RHT-634-3435
			
93	94	95	96
Part No. RHT-634-3341	Part No. RHT-634-3337	Part No. RHT-634-3340	Part No. RHT-634-3336
			
97	98	99	100
Part No. RHT-634-3343	Part No. RHT-634-3339	Part No. RHT-634-3342	Part No. RHT-634-3338

M12 ABD CODE

			
101	102	103	104
Part No. EB-400-2221-O-F-S	RHT-634-3444	RHT-634-3446	RHT-634-3445
			
105	106	107	108
Part No. RHT-634-3480	RHT-634-3345	RHT-634-3344	RHT-634-3347
			
109	110	111	112
Part No. RHT-634-3346	EB-400-2204-P-F-S	EB-400-2204-P-M-S	RHT-634-3448
			
113	114	115	116
Part No. RHT-634-3447	RHT-634-3479	RHT-634-3401	RHT-634-3453
			
117	118	119	120
Part No. RHT-634-3402	RHT-634-3434	RHT-634-3403	RHT-634-3404

M12 ABD CODE

			
121	122	123	124
Part No. RHT-634-3405	RHT-634-3406	RHT-634-3409	RHT-634-3408
			
125	126		
Part No. RHT-634-3411	RHT-634-3412		

M12 X CODE

			
01	02	03	04
Part No. RHT-634-1193	RHT-634-1294	RHT-634-3314	RHT-634-3052
			
05	06	07	08
Part No. RHT-634-3276	RHT-634-3275	RHT-634-3296	RHT-634-3028

M12 X CODE

			
09	10	11	12
Part No. RHT-634-1495	RHT-634-3092	RHT-634-3297	RHT-634-3532
			
13	14	15	16
Part No. RHT-634-1496	RHT-634-3296-XXX	RHT-634-1495-XXX	RHT-634-3297-XXX
			
17	18	19	20
Part No. RHT-634-3532-XXX	RHT-605-10151	RHT-605-10142	RHT-605-10143
			
21	22	23	24
Part No. RHT-634-3450	RHT-634-3449	RHT-634-3452	RHT-634-3451
			
25			
Part No. RHT-634-3478			

M12 POWER

			
01	02	03	04
Part No. RHT-634-3187	RHT-634-3186	RHT-634-3564	RHT-634-3563
			
05	06	07	08
Part No. RHT-634-3539	RHT-634-3538	RHT-634-3298	RHT-634-3300
			
09	10	11	12
Part No. RHT-634-3219	RHT-634-3218	RHT-634-3302	RHT-634-3301
			
13	14	15	16
Part No. RHT-634-3299	RHT-634-3250	RHT-634-3298-XXX	RHT-634-3300-XXX
			
17	18	19	20
Part No. RHT-634-3219-XXX	RHT-634-3218-XXX	RHT-634-3302-XXX	RHT-634-3301-XXX

M12 POWER



Part No. RHT-605-10144 RHT-605-10145 RHT-605-10146 RHT-605-10147



Part No. RHT-634-3468 RHT-634-3472

M12 ACCESSORIES



Part No. RHT-700-0371 RHT-700-0130 RHT-700-0382 RHT-700-0429

M16 SERIES



Part No. RHT-634-3386 RHT-634-3385 RHT-634-3184 RHT-634-3086



Part No. RHT-634-3384 RHT-634-3383 RHT-634-3084 RHT-634-3081



Part No. RHT-634-3085 RHT-634-3082 RHT-634-3106 RHT-634-3198



Part No. RHT-634-3651 RHT-634-3207 RHT-634-3199 RHT-634-3197



Part No. RHT-634-3188 RHT-634-3084-XXX RHT-634-3081-XXX RHT-634-3085-XXX

M16 SERIES

			
21	22	23	24
Part No. RHT-634-3082-XXX	Part No. RHT-634-3197-XXX	Part No. RHT-634-3188-XXX	Part No. RHT-634-4041
			
25	26	27	28
Part No. RHT-634-4040	Part No. RHT-605-4043	Part No. RHT-605-4042	Part No. RHT-634-3236
			
29	30	31	
Part No. RHT-634-3235	Part No. RHT-634-3241	Part No. RHT-634-3240	

M23 SERIES

			
01	02	03	04
Part No. 623A-F	Part No. 623A-M	Part No. 623Y-F	Part No. 623Y-M
			
05	06	07	08
Part No. 623B-F	Part No. 623B-M	Part No. 623H-F	Part No. 623H-M
			
09	10	11	12
Part No. M623A-F-E/P	Part No. M623A-M-E/P	Part No. M623K-F-E/P	Part No. M623K-M-E/P
			
13	14	15	16
Part No. M623B-F-E/P	Part No. M623B-M-E/P	Part No. M623D-F-E/P	Part No. M623D-M-E/P
			
17	18	19	20
Part No. M623D1-F-E/P	Part No. M623D1-M-E/P	Part No. M623H-F-E/P	Part No. M623H-M-E/P

M23 SERIES

				
	21	22	23	24
Part No.	RHT-605-10269	RHT-605-10268	M923A	M923K
				
	25	26		
Part No.	M923D	M923D1		

Mini Change 7/8"

				
	01	02	03	04
Part No.	78014	78013	78016	78015
				
	05	06	07	08
Part No.	780011	78009	78007	78005
				
	09	10	11	12
Part No.	780012	780010	78008	78006
				
	13	14	15	16
Part No.	780011-XXX	78009-XXX	78007-XXX	78005-XXX
				
	17	18	19	20
Part No.	78002	78001	78004	78003

Mini Change 7/8"

			
21	22	23	34
Part No. 78021	78020	78024	78023
			
25	26	27	28
Part No. 78022	78025	RHT-634-3503	RHT-634-3394
			
29	30	31	32
Part No. RHT-634-3520	RHT-634-3498	RHT-634-3499	RHT-634-3395
			
33	34	35	36
Part No. RHT-634-3488	RHT-634-3492	RHT-634-3489	RHT-634-3398
			
37	38	39	
Part No. RHT-634-3397	RHT-700-0369	RHT-701-0278	

NEW PRODUCTS

			
01	02	03	04
Part No. RHT-634-3548	RHT-634-3546	RHT-634-3549	RHT-634-3547
			
05	06	07	08
Part No. RHT-634-3556	RHT-634-3554	RHT-634-3557	RHT-634-3555
			
09	10	11	12
Part No. RHT-634-3552	RHT-634-3550	RHT-634-3553	RHT-634-3551
			
13	14	15	16
Part No. RHT-634-3560	RHT-634-3558	RHT-634-3561	RHT-634-3559
			
17	18	19	20
Part No. RHT-634-3594	RHT-634-3593	RHT-634-3596	RHT-634-3595

NEW PRODUCTS



21



22



23



24

Part No.

RHT-634-3598

RHT-634-3597

RHT-634-3600

RHT-634-3599



25



26

Part No.

RHT-634-3602

RHT-634-3601