



## MATERIAL FACT SHEET

312663 RV-20FRM-D

### General Data

Product Hierarchy	IAG25501
	ROBOT
	RV-20FR-D
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	A (Available from Stock)

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000312663](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000312663)

### FA-Robot: Robotssystem

Series	RV-FR SERIES
Type	VERTICAL
Payload (kg)	20
Max. Reach Radius (mm)	1094
Environment specification	OIL MIST
Controller Type	CR800-D
Cycle Time (s)	0,7
Speed (mm/s)	4200
Repeatability (mm)	0,05
Installation Method	FLOOR, CEILING, WALL
Protection Class	IP67
Power Supply 1 Phase (VAC)	230
Power Supply 3 Phase (VAC)	200-230
Power Consumption (VA)	3000
Operating Range J1 (deg)	380
Operating Range J2 (deg)	240
Operating Range J3 (deg)	167,5
Operating Range J4 (deg)	400
Operating Range J5 (deg)	240
Operating Range J6 (deg)	720

### Product Dimensions & Weight

Width (mm)	347
Height (mm)	1003,8
Depth (mm)	1088
Weight (kg)	120

### Logistic Dimensions & Gross Weight

Length (cm)	108,0
Width (cm)	83,0
Height (cm)	128,0
Gross Weight (kg)	165,100
Volume (cdm)	1.147,392

### Stock Data

Planned Delivery Time (Days)	147
------------------------------	-----

### Life Cycle

Sales Start	04.05.2017
Predecessor	268504 / RV-20FM-D1-S15

### Additional Product Information

Binding Tariff Information	DEBTI-10891/21-1
BTI validity date	27.06.2024
Battery included	YES - CHECK SPARE PART LIST

## Export Data

Commodity Code	84795000
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

## Environmental

REACH Limit Exceeded	YES
REACH Substance CAS Number	<a href="#">108-78-1</a>
REACH Substance CAS Number (2)	<a href="#">119313-12-1</a>
REACH Substance CAS Number (3)	<a href="#">12060-00-3</a>
REACH Substance CAS Number (4)	<a href="#">127-19-5</a>
REACH Substance CAS Number (5)	<a href="#">1303-86-2</a>
REACH Substance CAS Number (6)	<a href="#">13560-89-9</a>
REACH Substance CAS Number (7)	<a href="#">540-97-6</a>
REACH Substance CAS Number (8)	<a href="#">541-02-6</a>
REACH Substance CAS Number (9)	<a href="#">556-67-2</a>
REACH Substance CAS Number (10)	<a href="#">71868-10-5</a>
REACH Substance CAS Number (11)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (12)	<a href="#">79-94-7</a>
REACH Substance CAS Number (13)	<a href="#">80-05-7</a>
REACH Substance CAS Number (14)	<a href="#">80-43-3</a>
REACH Substance CAS Number (15)	<a href="#">85-42-7</a>
REACH Substance CAS Number (16)	<a href="#">119344-86-4</a>
Dangerous Goods Class	9
Dangerous Goods Identifier	UN3091
RoHS Compliance	NOT IN SCOPE
WEEE	B2B

## Conformity

CE	COMPLIANT
EAC	NON-COMPLIANT
UKCA	COMPLIANT

## Documentation & Media Data

Manual URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=RV-20FRM-D&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=RV-20FRM-D&amp;doc-lang=en</a>
Certificates URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=RV-20FRM-D&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=RV-20FRM-D&amp;doc-lang=en</a>
CAD URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=RV-20FRM-D&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=RV-20FRM-D&amp;doc-lang=en</a>

## Product Packaging

Cardboard (g)	26926
Other paper (g)	120
Aluminum (g)	0
Steel (g)	70
Styrofoam (g)	0
Other plastic (g)	1302
Wood (g)	36900
Glass (g)	0
Others (g)	500

## Spare parts

Material	Description	Quantity	Unit
<a href="#">589480</a>	RV-7FRLL/13FR/FRL/20FR MOTOR J3	1	PC
<a href="#">502664</a>	RV-4F/7F MOTOR HG-KR43BK-S920052(400W)	1	PC
<a href="#">598367</a>	RV-4F/7F MOTOR HG-KR13D-S920061	1	PC
<a href="#">278292</a>	RV-20FR DECEL. J1/J2 (7FRLL/13FRL) J2	2	PC
<a href="#">278294</a>	RV-7FRLL/13FRL/20FR DECELERATOR J3	1	PC
<a href="#">278296</a>	RV-20FR HARMONIC DRIVE J4	1	PC
<a href="#">278298</a>	RV-20FR HARMONIC DRIVE J5	1	PC
<a href="#">278299</a>	RV-13FR(L)/20FR HARMONIC DRIVE J6	1	PC
<a href="#">278302</a>	RV-13FR(L)/20FR CROSS ROLLER BEARING J5	1	PC
<a href="#">278303</a>	RV-13FR(L)/20FR CROSS ROLLER BEARING J6	1	PC
<a href="#">278305</a>	RV-13FR(L)/20FR GEAR R	1	PC
<a href="#">278306</a>	RV-13FR(L)/20FR GEAR L	1	PC
<a href="#">278307</a>	RV-7FRLL/13FR(L)/20FR BUSH 02	1	PC
<a href="#">278308</a>	RV-7FRLL/13FR(L)/20FR BUSH 03	1	PC
<a href="#">265210</a>	RH-3CH/6CH/6CRH BALL BEARING 6805DDU	1	PC

Material	Description	Quantity	Unit
<a href="#">278309</a>	RV-7FRLL/13FR(L)/20FR BALL BEARING 6808	1	PC
<a href="#">164946</a>	RH-13/20/7FL(L) BALL BEARING 6809DD	1	PC
<a href="#">278311</a>	RV-13FR(L)/20FR BALL BEARING EA7L	1	PC
<a href="#">278312</a>	RV-13FR(L)/20FR BALL BEARING F698DD	1	PC
<a href="#">265209</a>	RV-5AS-D BALL BEARING F608ZZ	1	PC
<a href="#">237507</a>	RH-13F/20F/7FLL BALL BEARING 6905DDU	1	PC
<a href="#">164945</a>	RV-3SB/3SJB BALL BEARING 687MC3	1	PC
<a href="#">265209</a>	RV-5AS-D BALL BEARING F608ZZ	1	PC
<a href="#">278315</a>	RV-7FRLL/13FR(L)/20FR TIMING PULLEY J4A	2	PC
<a href="#">278316</a>	RV-7FRLL/13FR(L)/20FR TIMING PULLEY J4B	1	PC
<a href="#">265219</a>	RV-4/7FR(L)/M TIMING PULLEY J4AJ5A	1	PC
<a href="#">278318</a>	RV-13FR(L)/20FR TIMING PULLEY J5	1	PC
<a href="#">265222</a>	RV-7/13/20 FRL(L)/M TIMING PULLEY J5B	1	PC
<a href="#">415613</a>	RV-13/20FR/7FRLL TIMING BELT J4	1	PC
<a href="#">415614</a>	RV-13/20FR TIMING BELT J5	1	PC
<a href="#">415615</a>	RV-13/20FR TIMING BELT J6	1	PC
<a href="#">278325</a>	RV-7FRLL/13FR(L)/20FR OILSEAL 230 M-TYPE	1	PC
<a href="#">278326</a>	RV-7FRLL/13FR(L)/20FR OILSEAL 8(FKM)	4	PC
<a href="#">278327</a>	RV-7FRLL/13FR(L)/20FR OILSEAL 15(FKM)	2	PC
<a href="#">265239</a>	RV-7/13/20FRL(L)/M OILSEAL TC175X190	2	PC
<a href="#">278328</a>	RV-7FRLL/13FR(L)/20FR OILSEAL AD25	1	PC
<a href="#">278329</a>	RV-7FRLL/13FR(L)/20FR OILSEAL AD36	1	PC
<a href="#">265241</a>	RV-4/7/13/20FRL/M OILSEAL M-110	1	PC
<a href="#">265242</a>	RV-4/13/20FRL/M OILSEAL M-84	1	PC
<a href="#">278330</a>	RV-13FR(L)/20FR OILSEAL AD12	1	PC
<a href="#">265234</a>	RV-4/7/13/20FRL(L) OILSEAL AD 10 20 5	1	PC
<a href="#">278331</a>	RV-13FR(L)/20FR OILSEAL AD30 M-TYPE	1	PC
<a href="#">265245</a>	RV-4/7FR(L)/M O RING CO0522A	1	PC
<a href="#">278333</a>	RV-7FRLL/13FR(L)/20FR O RING 55 M&C TYPE	1	PC
<a href="#">278334</a>	RV-13FR(L)/20FR O-RING CO02A	1	PC
<a href="#">278405</a>	RV-7FRLL/13FR(L)/20FR FELT J4A	1	PC
<a href="#">278406</a>	RV-7FRLL/13FR(L)/20FR FELT J4B	1	PC
<a href="#">415320</a>	RV-FR INTERNAL PCB DQ392	1	PC
<a href="#">415321</a>	RV-FR INTERNAL PCB DQ006	1	PC
<a href="#">415452</a>	RV-FR BATTERY HOLDER	4	PC
<a href="#">278335</a>	RV-7FRLL/13FR(L)/20FR CARD SPACER	2	PC
<a href="#">262558</a>	RH-12/20FRH CONNECTOR IL-2S-S3L(N)	1	PC
<a href="#">237583</a>	RH-12/20FRH GREASE NIPPLE WA610 NYLON	4	PC
<a href="#">278336</a>	RV-7FRLL/13FR(L)/20FR GREASE NIPPLE 1	3	PC
<a href="#">249985</a>	RH-13F/20F/7FLL TAPER SCREW SUS ANA R1/8	7	PC
<a href="#">262557</a>	RH-13F/20F/7FLL PIN H7-6x12	7	PC
<a href="#">164975</a>	RH-12/20FRH PARALLEL PIN H74x8	3	PC
<a href="#">164974</a>	RV-13/20FR/7FRLL KEY	2	PC
<a href="#">237579</a>	RH-6CRHK KEY IPPAN W-MARU 3X3X6	1	PC
<a href="#">278337</a>	RV-7FRLL/13FR(L)/20FR KEY 4X4	1	PC
<a href="#">237540</a>	RV-5AS-D SEAL WASHER(M6)	5	PC
<a href="#">265268</a>	RV-4/7/13/20FRL/M SEAL WASHER 4X7.2	9	PC
<a href="#">249980</a>	RH-13F/20F/7FLL AIR JOINT UKB6	2	PC
<a href="#">265259</a>	RV-4/7/13/20FRL/M UNION AIR JOINT UKB8	1	PC
<a href="#">278338</a>	RV-7FRLL/13FR(L)/20FR PLUG UP6	4	PC
<a href="#">243688</a>	RH-12/20FRH PLUG UP8	1	PC
<a href="#">265260</a>	RV-4/7/13/20FRL(L)/M CABLE CLAMP -WS10M	2	PC
<a href="#">237585</a>	RV-8CRL LOW HEAD CAP SCREW SSH-EL-M6	5	PC
<a href="#">249976</a>	RH-13F/20F/7FLL SNAP RING ANA-C37	1	PC
<a href="#">164987</a>	RH-13F/20F/7FLL RUBBER SHEET 300x30	2	PC
<a href="#">278340</a>	RV-7FRLL/13FR(L)/20FR RUBBER SHEET 6	5	PC
<a href="#">278341</a>	RV-7FRLL/13FR(L)/20FR RUBBER SHEET 7	1	PC
<a href="#">278342</a>	RV-13FR(L)/20FR RUBBER SHEET 8	1	PC
<a href="#">278343</a>	RV-7FRLL/13FR(L)/20FR RUBBER SHEET 9	1	PC
<a href="#">237596</a>	RH-13F/20F/7FLL RUBBER SHEET	1	PC
<a href="#">164971</a>	RH-13/20/7FL(L) SILICONE TUBE	1	PC
<a href="#">317013</a>	RH-3/6CH/CRH CABLE CLAMP AL6	1	PC
<a href="#">164984</a>	RH-13F/20F/7FLL CABLE CLAMP AL4	2	PC
<a href="#">278344</a>	RV-13FR(L)/20FR SHIM J6 T0.1	2	PC
<a href="#">278345</a>	RV-13FR(L)/20FR SHIM J6 T0.3	1	PC
<a href="#">278346</a>	RV-13FR(L)/20FR SHIM J6 T0.5	1	PC
<a href="#">410994</a>	1F-05UCBL-41	1	PC
<a href="#">415616</a>	RV-13/20FR INTERNAL HARNESS	1	PC
<a href="#">415319</a>	RV-2FR/L/B INTERNAL HARNESS 1	1	PC
<a href="#">278350</a>	RV-7FRLL/13FR(L)/20FR CONBOX WIRING ASSY	1	PC

Material	Description	Quantity	Unit
<a href="#">278351</a>	RV-13FR(L)/20FR BRAKE CABLE ASSY J6	1	PC
278355	RV-13FR(L)/20FR HEAT CONDUCTION SEAT J6	1	PC
278356	RV-13FR(L)/20FR HEAT CONDUCTION J6B	2	PC
<a href="#">278358</a>	RV-7FRL/13FR(L)/20FR STOPPER B	2	PC
<a href="#">265241</a>	RV-4/7/13/20FRL/M OILSEAL M-110	1	PC
<a href="#">278414</a>	RV-7FRL/13FR(L)/20FR FELT J4D	1	PC
<a href="#">278415</a>	RV-7FRL/13FR(L)/20FR FELT J4E	2	PC
<a href="#">278359</a>	RV-8CRL STOPPER A	4	PC
<a href="#">278362</a>	RV-7FRL/13FR(L)/20FR COVER SHOULDER STD	1	PC
<a href="#">278364</a>	RV-7FRL/13FR(L)/20FR CVR SHOULDER R STD	1	PC
<a href="#">278366</a>	RV-7FRL/13FR(L)/20FR COVER ARM NO1 STD	1	PC
278368	RV-7FRL/13FR(L)/20FR COVER ELBOW U STD	1	PC
<a href="#">278370</a>	RV-13FR(L)/20FR COVER ARM NO2	2	PC
<a href="#">265282</a>	RV-4/7/13/20FRL(L)/M COVER CONBOX	1	PC
<a href="#">265309</a>	RV-4/7FRL/M COVER CONBOX R2	1	PC
278377	RV-13FR(L)/20FR COVER CONBOX R C&M-TYPE	1	PC
278383	RV-13FR(L)/20FR COVER CONBOX R C&M-TYPE	1	PC
<a href="#">278384</a>	RV-13FR(L)/20FR COVER WRIST	1	PC
278391	RV-13FR(L)/20FR PACKING C&M-TYPE	1	PC
<a href="#">278392</a>	RV-13FR(L)/20FR FIXED BRACKET	1	PC
<a href="#">278394</a>	RV-7FRL/13FR(L)/20FR TRANSPORT TOOL L	1	PC
<a href="#">278395</a>	RV-7FRL/13FR(L)/20FR TRANSPORT TOOL R	1	PC
237636	RV-5AS-D DIRECTION MARK	1	PC
237602	RH-3CH/6CH/6CRH ALIGNMENT MARK (MINI)	12	PC
237606	RH-12/20FRH EARTH NAMEPLATE	1	PC
237607	RH-12/20FRH CHARGING PART CAUTIONS NAMEP	1	PC
237604	RH-12/20FRH COORDINATES DIRECTION MARK a	1	PC
<a href="#">278414</a>	RV-7FRL/13FR(L)/20FR FELT J4D	1	PC
237605	RH-12/20FRH COORDINATES DIRECTION MARK b	1	PC
265338	RV-4/7FRL/M AIR PURGE MARK	1	PC
134302	GLUE 242 LOCTITE 250ml	1	PC
<a href="#">278415</a>	RV-7FRL/13FR(L)/20FR FELT J4E	2	PC
<a href="#">278402</a>	RV-13FR(L)/20FR ORIGIN JIG J6B	1	PC
<a href="#">134305</a>	LIQUID GASKET WHITE THREE BOND 1212	1	PC
278396	RV-7FRL/13FR(L)/20FR CABLE CLAMP AL3	2	PC
<a href="#">262557</a>	RH-13F/20F/7FLL PIN H7-6x12	1	PC
<a href="#">278398</a>	RV-13FR(L)/20FR HEAT CONDUCTION SEAT	1	PC
<a href="#">278401</a>	RV-13FR(L)/20FR ORIGIN JIG J6A	1	PC
<a href="#">278403</a>	RV-5AS SAFETY SOCKET M4	2	PC
<a href="#">405789</a>	CR800 PCB SYSTEM IO DQ331B	1	PC
<a href="#">278399</a>	RV-5AS EJECTOR PIN	1	PC
<a href="#">278400</a>	RV-13FR(L)/20FR ORIGIN JIG SET J6	1	PC
<a href="#">278404</a>	RV-8CRL SAFETY SOCKET M6	4	PC
<a href="#">602876</a>	CR800 PCB CPU DQ171D	1	PC
<a href="#">405790</a>	CR800 PCB OPTIONAL SLOT DQ332A	1	PC
<a href="#">405788</a>	CR800 PCB SERVO CPU DQ865B	1	PC
<a href="#">405791</a>	CR800 PCB CONVERTER DQ801A	1	PC
<a href="#">405795</a>	CR800 PCB INV. DQ881A 7FRL/13FR/20FR	1	PC
<a href="#">405802</a>	CR800 POWER SUPPLY 1FRHR/7FRL/13FR/20FR	1	PC
<a href="#">405801</a>	CR800 POWER SUPPLY UNTIL RV-7FR/RH20FR	1	PC
<a href="#">405804</a>	CR800 NOISE FILTER FOR RV-7FR/13FR/20FR	1	PC
<a href="#">405805</a>	CR800 FUSE 500SF-20UL	3	PC
<a href="#">405806</a>	CR800 FUSE HOLDER	3	PC
220184	CR2D CR2Q OPTION COVER	2	PC
<a href="#">405807</a>	CR800 OPTION CASE	1	PC
<a href="#">220273</a>	CR800 TB CONNECTOR	1	PC
<a href="#">262774</a>	NARC 750 FILTER DUST	1	PC
<a href="#">262774</a>	NARC 750 FILTER DUST	1	PC
<a href="#">405810</a>	CR800 CABLE BKOFA1078H03	1	PC
<a href="#">405808</a>	CR800 CABLE BKOFA1078H01	1	PC
<a href="#">405809</a>	CR800 CABLE BKOFA1078H02	1	PC
<a href="#">405811</a>	CR800 CABLE BKOFA1078H04	3	PC
<a href="#">262786</a>	NARC 750/751 LOCK EDGING SADDLE	1	PC
220314	CR2D CR2Q CABLE GUIDE WS-1NS	8	PC
220243	CR800 RUBBER MOUNT KG-010	7	PC
<a href="#">220304</a>	CR800 SPACER MPS-08-0	1	PC
<a href="#">237852</a>	CR800 SEAL ATT. (ELECTRIFIC.) 114-406	1	PC
<a href="#">405812</a>	CR800 CONNECTOR U794D030G51	1	PC
<a href="#">405813</a>	CR800 CONNECTOR U794D030G52	1	PC
<a href="#">64687</a>	FUSE 1,6A	1	PC

Material	Description	Quantity	Unit
<a href="#">405814</a>	CR800 ACIN CABLE BKOFA1006H53	1	PC
<a href="#">405815</a>	CR800 ACIN CABLE BKOFA1006H03	1	PC
<a href="#">405817</a>	CR800 FAN 1	1	PC
405818	CR800 FAN 2	1	PC
<a href="#">248692</a>	MR-BAT6V1	4	PC
<a href="#">589542</a>	RH-6FRH MOTOR J3 (200W)	1	PC
<a href="#">604699</a>	RV-7FRLL/13FR/FRL/20FR MOTOR J1	2	PC
<a href="#">222205</a>	ROBOT SILICONE GREASE G501 80g	1	PC

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">124658</a>	2A-RZ371 Robot option I/O-Interface 32 inputs /32 Outputs (decentral I/O's) type 2A-RZ371 Class 100100604: FA-Robot: Interface Card
<a href="#">214968</a>	R32TB Robot Teaching Box R32TB; Narc controller (standard version) Class 100100602: FA-Robot: Teachingbox
<a href="#">218862</a>	2D-TZ378 Robot option I/O-Interface: 32 inputs /32 Outputs (internal I/O's expansion) Class 100100604: FA-Robot: Interface Card
<a href="#">219063</a>	2D-TZ576 Robot option CC-Link-Interface-card Class 100100604: FA-Robot: Interface Card
<a href="#">225756</a>	R32TB-15 Teaching box R32TB with 7 lines display and 15m cable length Class 100100602: FA-Robot: Teachingbox
<a href="#">232808</a>	2D-TZ368 Robot option E/A-Interface: 32 inputs /32 Outputs SINK (internal I/O's ) Class 100100604: FA-Robot: Interface Card
<a href="#">255285</a>	1F-GR35S-02 RV-4F/RV-7F Hand output cable Class 100100605: FA-Robot: Cable
<a href="#">255286</a>	1F-HC35S-02 RV-4F/RV-7F Hand input cable Class 100100605: FA-Robot: Cable
<a href="#">257935</a>	1F-HA01S-01 RV-F External wiring set 1 for the robot base Class 100100605: FA-Robot: Cable
<a href="#">257936</a>	1F-HB01S-01 RV-F External wiring set 1 for the forearm Class 100100605: FA-Robot: Cable
259885	2D-TZ535 Network Interface for CompactCom module Class 100100604: FA-Robot: Interface Card
<a href="#">268039</a>	RV-F / RV-FR Connector Set RV-4/7/13/20F(R) Connector Set Class 100100607: FA-Robot: Other Option
<a href="#">268829</a>	1F-VD01E-03 Valve set incl. valve block and noise reducer 1F-VD01E-0 f. Rob.type:RV13F/RV20F Class 100100603: FA-Robot: Valve
<a href="#">268830</a>	1F-VD02E-03 RV-13F/RV-20F Pneumatic double valve set incl. noise-inferior Class 100100603: FA-Robot: Valve
<a href="#">268831</a>	1F-VD03E-03 RV-13F/RV-20F Pneumatic triple valve set incl. noise-inferior Class 100100603: FA-Robot: Valve
<a href="#">268832</a>	1F-VD04E-03 RV-13F/RV-20F Pneumatic quadruple valve set incl. noise-inferior Class 100100603: FA-Robot: Valve
<a href="#">269546</a>	2D-TZ535-PN-SET Robot Network Interface Profinet IO Class 100100604: FA-Robot: Interface Card
269555	2D-TZ535-PN Network Interface for CompactCom Modul Profinet Class 100100604: FA-Robot: Interface Card
<a href="#">271212</a>	2F-YZ581 Encoder Distribution Unit 2F-YZ581 for robot controller Class 100100604: FA-Robot: Interface Card

Material	Description / Price List Text / Classification
<a href="#">271513</a>	1F-HA02S-01 RV-F External wiring set 2 for the robot base Class 100100605: FA-Robot: Cable
<a href="#">271514</a>	1F-HB02S-01 RV-F External wiring set 2 for the forearm Class 100100605: FA-Robot: Cable
<a href="#">273788</a>	1F-DH-05J1 RV-13/20F J1 Stopper Class 100100607: FA-Robot: Other Option
<a href="#">282409</a>	2D-TZ535-EIP-SET Robot Network Interface EtherNet/IP Class 100100604: FA-Robot: Interface Card
<a href="#">313061</a>	4F-SF002-01 Safety option unit MELFA SafePlus for CR800 Controller Class 100100604: FA-Robot: Interface Card
<a href="#">313062</a>	CR800-MB Protection Box IP54 for CR800 Controller CR800-MB Class 100100607: FA-Robot: Other Option
<a href="#">313063</a>	2F-DQ535 Network Interface for CompactCom module CC-Link IE Filed AB6709 Class 100100604: FA-Robot: Interface Card
<a href="#">313064</a>	4F-FS002H-W200 Force Sensor Set 200N incl. Interface unit (2F-DQ561) for FR Series 4F-FS002H-W2 Class 100100607: FA-Robot: Other Option
<a href="#">313105</a>	4F-FS002H-W1000 Force Sensor Set 1000N incl. Interface unit (2F-DQ561) for FR Series 4F-FS002H-W Class 100100607: FA-Robot: Other Option
<a href="#">313106</a>	1F-10UCBL-41 Machine cable for CR800 controller, standard, 10m Class 100100605: FA-Robot: Cable
<a href="#">313107</a>	1F-15UCBL-41 Machine cable for CR800 controller, standard, 15m Class 100100605: FA-Robot: Cable
<a href="#">313108</a>	1F-10LUCBL-41 Machine cable for CR800 controller, high flexible, 10m Class 100100605: FA-Robot: Cable
<a href="#">313109</a>	1F-15LUCBL-41 Machine cable for CR800 controller, high flexible, 15m Class 100100605: FA-Robot: Cable
<a href="#">324579</a>	RT ToolBox3 Standard 1L-USB Robot Programming/Simulation Software, Win10/11, 1 Licence USB Class 100101206: FA-Software: Software Robot
<a href="#">324580</a>	RT ToolBox3 Pro 1L-USB Robot Programming/Simulation Software, MELFA-Works, Win10/11, 1 Licence USB Class 100101206: FA-Software: Software Robot
<a href="#">325728</a>	MELFA Smart Plus Card Pack A-Typ2F-DQ510 MELFA Smart Plus Card Pack A-Type Class 100100604: FA-Robot: Interface Card
<a href="#">325729</a>	2F-DQ511 MELFA Smart Plus Card A-Type Class 100100604: FA-Robot: Interface Card
<a href="#">325730</a>	1F-02UCBL-41 Machine cable for CR800 controller, standard, 2m Class 100100605: FA-Robot: Cable
<a href="#">327863</a>	1F-20UCBL-41 Machine cable for CR800 controller, standard, 20m Class 100100605: FA-Robot: Cable
<a href="#">327864</a>	1F-20LUCBL-41 Machine cable for CR800 controller, high flexible, 20m Class 100100605: FA-Robot: Cable
<a href="#">603944</a>	4F-SF003-05 Safety option unit MELFA SafePlus II Slim for CR800 Controller Class 100100604: FA-Robot: Interface Card
<a href="#">687249</a>	R86TB Robot Teaching Box with 10,1" (Colour / Touch version) Class 100100602: FA-Robot: Teachingbox
<a href="#">736446</a>	RT ToolBox3 Pro Robot Programming/Simulation Software, MELFA-Works, Win10/11, 1 Licence Email Class 100101206: FA-Software: Software Robot

Material	Description / Price List Text / Classification
<a href="#">736447</a>	RT ToolBox3 Standard Robot Programming/Simulation Software, Win10/11, 1 Licence Email Class 100101206: FA-Software: Software Robot