Lumberg Automation Cordsets M8

Type	Turck[1] Part Numbers	Lumberg Automation Cross	Difference / Notes	Lumberg Automation Info
M8	PKG 3M-*	**RKMV 3-224**	22 AWG vs 24 / Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKW 3M-*	**RKMWV 3-224**	22 AWG vs 24 / Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKG 3M-*/S90	**RKMV 3-224**	22 AWG Black vs 24 Yellow / Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKW 3M-*/S90	**RKMWV 3-224**	22 AWG Black vs 24 Yellow / Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKG 3M-*/S1587	**RKMV 3-843/*M**	Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKW 3M-*/S1587	**RKMWV 3-843/*M**	Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKG 4M-*	**RKMV 4-594/*M**	Lumberg Automation is 22 AWG / Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKW 4M-*	**RKMWV 4-594/*M**	Lumberg Automation is 22 AWG / Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKG 4M-*/S90	**RKMV 4-225/*M**	22 AWG Black vs 24 Yellow / Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKW 4M-*/S90	**RKMWV 4-225/*M**	22 AWG Black vs 24 Yellow / Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKG 4M-*/S1587	**RKMV 4-844/*M**	Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	PKW 4M-*/S1587	**RKMWV 4-844/*M**	Available in all common lengths	M8-Connector-Guide-2022-01-Update.pdf
M8	MFKS 3-*	RKMHL 3/S 5,5	Available in all common lengths	Receptacles
M8	MFS 3-*	RSMHL 3/S 5,5	Available in all common lengths	Receptacles
M8	MFKS 4-*	RKMHL 4/S 5,5	Available in all common lengths	Receptacles
M8	MFS 4-*	RSMHL 4/S 5,5	Available in all common lengths	Receptacles
M8	B 5133-0	RKMCK 3		Field Attachables
M8	BS 5133-0	**RSMCK 3**		Field Attachables
M8	B 5143-0	**RKMCK 4**		Field Attachables
M8	BS 5143-0	**RSMCK 4**		Field Attachables

Interested in learning more? Talk to a Belden expert.

[1] All product and company names are trademarks™ or registered® trademarks of their respective third party trademark owners or holders and are depicted herein for comparison purposes only without implying any affiliation with and/or sponsorship, authorization, or endorsement by them.

Lumberg Automation Cordsets M12

Type	Turck[1] Part Numbers	Lumberg Automation Cross	Difference / Notes	Lumberg Automation Info
M12	RK 4.4T-*	**RKT 4-646/*M**	Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	WK 4.4T-*	**RKWT 4-646/*M**	Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	RK 4.4T-*/S90	**RKT 4-225/*M**	Lumberg Automation is Black PUR / Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	WK 4.4T-*/S90	**RKWT 4-225/*M**	Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	RK 4.4T-*/S101	**RKT 4-643/*M**	Turck is Gray / Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	WK 4.4T-*/S101	**RKWT 4-643/*M**	Turck is Gray / Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	RK 4.4T-*/S1587	**RKT 4-643/*M**	Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	WK 4.4T-*/S1587	**RKWT 4-643/*M**	Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	RK 4.5T-*/S90	**RKT 5-228/*M**	Lumberg Automation is Black PUR / Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	WK 4.5T-*/S90	**RKWT 5-228/*M**	Lumberg Automation is Black PUR / Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	RK 4.5T-*/S101	**RKT 5-713/*M**	Turck is gray and Lumberg Automation is yellow / Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	WK 4.5T-*/S101	**RKWT 5-713/*M**	Turck is gray and Lumberg Automation is yellow / Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	RK 4.5T-*/S1587	**RKT 5-713/*M**	Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	RK 4.4T-*-RS 4.4T/S1587	**RST 4-RKT 4-643/*M**	Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	WK 4.5T-*/S1587	**RKWT 5-713/*M**	Available in all common lengths	M12-Popular-Parts-Belden-2021-08.pdf
M12	FK 4.4-*	**RKF 4/0.5**	Available in all common lengths	Link
M12	FS 4.4-*	**RSF 4/0.5M**	Available in all common lengths	Link
M12	FK 4.5-*	**RKF 5/0.5**	Available in all common lengths	Link
M12	FS 4.5-*	**RSF 5/0.5M**	Available in all common lengths	Link
M12	FK 4.4-*/14.5/NPT	**RKF 4-1/2-14/*M**	Available in all common lengths	RKF5121405.pdf
M12	FS 4.4-*/14.5/NPT	**RSF 4-1/2-14/*M**	Available in all common lengths	RSF4121405.pdf
M12	FK 4.5-*/14.5/NPT	**RKF 5-1/2-14/*M**	Available in all common lengths	RSF4121405.pdf
M12	FS 4.5-*/14.5/NPT	**RSF 5-1/2-14/*M**	Available in all common lengths	RSF4121405.pdf
M12	B 8141-0	**RKC 4/7**		Field Attachables
M12	BS 8141-0	**RSC 4/7**		Field Attachables
M12	B 8141-0/PG 9	**RKC 4/9**		Field Attachables
M12	BS 8141-0/PG 9	**RSC 4/9**		Field Attachables
M12	B 8151-0	**RKC 5/7**		Field Attachables
M12	BS 8151-0	**RSC 5/7**		Field Attachables
M12	B 8151-0/PG 9	**RKC 5/9**		Field Attachables
M12	BS 8151-0/PG 9	**RSC 5/9**		Field Attachables

Lumberg Automation IO

Turck[1] Part Numbers	Lumberg Automation Cross	Belden Part Numbers	Difference / Notes	Additional Notes
JBBS-57-E811	**0931 DNC 301**	**900000228**	Control cable difference, Turck uses MINIFAST, Belden uses 7/8" 5 pole. Temperature range difference with Turck -25°C-70°C, Belden is 0°C-60°C. Turck part has LED status light, Belden does not have LED.	
TBEN-L4-16DIP	**0980 XSL 3901-121-007D-01F**	**935706001**	Turck power 7/8" 4-pole connection, Belden is M12 L-code. Both are 16DI.	Belden block offers IoT protocols
TBEN-L4-16DOP	**0980 XSL 3900-121-007D-01F**	**935705001**	Turck has 7/8" power 4-pole, Beldebn with M12 L-code power. Turck part is 16DO but Belden is a 16DIO.	Belden block offers IoT protocols
TBEN-L4-16DXP	**0980 XSL 3900-121-007D-01F**	**935705001**	Turck power 7/8" 4-pole connection, Belden is M12 L-code. Both are 16DIO.	Belden block offers IoT protocols
TBEN-L4-8DIP-8DOP	**0980 XSL 3903-121-007D-01F**	**935707001**	Turck power 7/8" 4-pole connection, Belden is M12 L-code. Both are 8DI 8DO.	
TBEN-L5-16DIP	**0980 ESL 391-111** **0980 XSL 3901-121-007D-01F**	**934882001(LioN-P)** **935706001(LioN-X)**	LioN-P is a match for 5-pin 7/8" power. LioN-X with M12 L-code power and Turck 7/8" power. Both are 16DI.	Recommend swtich to LioN-X with M12 L-code power
TBEN-L5-16DOP	**0980 ESL 390-111** **0980 XSL 3900-121-007D-01F**	**934882007(LioN-P)** **935705001(LioN-X)**	LioN-P is a match for 5-pin 7/8" power but is 16DIO. LioN-X with M12 L-code power and Turck 7/8" power, Turck is 16DO and Belden is 16DIO.	Recommend swtich to LioN-X with M12 L-code power
TBEN-L5-16DXP	**0980 ESL 390-111** **0980 XSL 3900-121-007D-01F**	**934882007(LioN-P)** **935705001(LioN-X)**	LioN-P is a match for 5-pin 7/8" power LioN-X with M12 L-code power and Turck 7/8" power. All are 16DIO.	Recommend swtich to LioN-X with M12 L-code power
TBEN-L5-8DIP-8DOP	**0980 ESL 393-111** **0980 XSL 3903-121-007D-01F**	**934882003(LioN-P)** **935707001(LioN-X)**	LioN-P is a match for 5-pin 7/8" power LioN-X with M12 L-code power and Turck 7/8" power. All are 8DI 8DO.	Recommend swtich to LioN-X with M12 L-code power
TBEN-L5-8IOL	**0980 XSL 3913-121-007D-01F**	**935703001**	Turck power 7/8" power and Belden is M12 L-coded	Belden block offers IoT protocols, IO-Link class A & B ports
TBIL-L5-16DXP-AUX	**0960 IOL 380-021**	**934994001**	Turck power 7/8" power and Belden is M12 L-coded	
TBIL-M1-16DXP-B	**0960 IOL 385-001**	**935001001**	Turck hub is 16DIO. Belden Hub is 10DI 6DO both parts are IO-Link class B.	
TBIP-L5-FDIO1-2IOL	**0980 SSL 3131-121-007D-202**	**935023001**	Turck is 5-pin 7/8" power w/4 CIP safety ports & 4 IO-Link master ports/ Belden has M12 L-coded power 8/4-F-DI 4-F-DO & 2IOLM.	
TBPN-L1-FDIO1-2IOL	**0980 SSL 3031-121-007D-101**	**935023002**	Turck 5-pin 7/8" power w/4 PROFIsafe safety ports & 4 IO-Link master ports/ Belden has M12-L-coded power 8/4-F-DI 4-F-DO & 2IOLM.	
TBEN-L4-8IOL	**0980 XSL 3913-121-007D-01F**	**935703001**	Turck is 4-pin 7/8" Power, Belden part is M12L-code	IO-Link class A & B ports
TBEN-LG-16DXP	**0980 XSL 3900-121-007D-01F**	**935705001**	Turck has a 4-pin 7/8" Power, Belden part is M12L-code	

Lumberg Automation IO

Turck[1] Part Numbers	Lumberg Automation Cross	Belden Part Numbers	Difference / Notes	Additional Notes
TBIP-L5-4FDI-4FDX	**0980 SSL 3131-121-007D-202**	**935023001**	Turck has a 4-pin 7/8" Power, Belden part is M12L-code	Turck part is 4FDI ports and 4 Fsconfigurable ports, Belden has 4FSDI ports, 2FSDO ports and 2 IO-Link master ports.
FGEN-IOM88-4001/CS30007	**0980 XSL 3903-121-007D-01F**	**935707001**	Turck power 7/8" power and Belden is M12Lcoded. The Turck module supports QuickConnect and the Belden does not.	
FGEN-IM16-4001/CS30007	**0980 XSL 3901-121-007D-01F**	**935706001**	Turck power 7/8" power and Belden is M12Lcoded. The Turck module supports QuickConnect and the Belden does not.	
TBEN-LL-16DXP	**0980 XSL 3900-121-007D-01F**	**935705001**	Belden part has IoT protocols	
TBEN-S2-8DXP	**0980 XSL 3900-121-007D-01F**	**935705001**	Turck part is a 4 port and Belden is an 8 port block. Turck Ethernet connections and power are M8, Belden is M12. All I/O ports (4 on Turck and 8 on Belden are M12)	
FDNL-CSG88-W	**0930 DSL 700**	**900001355**	Turck part is a DeivceNet Fieldbus with 8DI & 8DO, Belden is a DeviceNet IO with 16DIO and 5pin 7/8" power.	
TBEN-LG-16DIP	**0980 XSL 3901-121-007D-01F**	**935706001**	Turck is 4-pin 7/8" Power, Belden part is M12L-code	
TBEN-LG-16DOP	**0980 ESL 392-111** **0980 XSL 3900-121-007D-01F**	**934882002(LioN-P)** **935705001(LioN-X)**	Turck part is a 16DO and the Belden LioN-P is a 16DO but the LioN-X part is a 16DIO. Turck is 4-pin 7/8" Power, Belden LioN-P is a 5-pin 7/8" power & the LioN-X part is M12L-code.	Recommend swtich to LioN-X with M12 L-code power
TBIL-M1-16DIP	**0960 IOL 381-001**	**934992002**	16DI Hub	

Lumberg Automation Ethernet

Type	Turck[1] Part Numbers	Lumberg Automation Cross	Difference / Notes	Lumberg Automation Info
4 pair Shielded TPE	RJ45S RJ45S 841/*M	**0985 856 500/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
4 pair Shielded TPE	RSS RSS 841/*M	**0985 856 100/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
4 pair Shielded TPE	RSS RJ45 841/*M	**0985 856 103/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair Unshielded TPE	RSCD RSCD 440-*M	**0985 806 100/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair Unshielded TPE	RSCD RJ45 440-*M	**0985 806 103/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair Unshielded TPE	RJ45 FKFDD 440-*M	**0985 806 104/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair Unshielded TPE	RJ45 RJ45 440-*M	**0985 806 500/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair Shielded TPE	RSCD RSCD 441-*M	**0985 YM57530 100/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair Shielded TPE	RJ45 RJ45 441-*M	**0985 YM57530 500/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair Shielded TPE	RSCD RJ45 441-*M	**0985 YM57530 103/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair Shielded TPE	RJ45 FKFDD 441-*M	**0985 YM57530 104/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair TPE (Profinet)	RSSD RSSD 421/*M	**0985 S4742 100/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)
2 pair TPE (Profinet)	RKSD RJ45 421/*M	**0985 S4742 104/*M**	Available in all common lengths	Icos-Ethernet-Selling-Guide-2021-03-Sf-EN.pdf (belden.com)

Lumberg Automation Power

Type	Turck[1] Part Numbers	Lumberg Automation Cross	Difference / Notes	Lumberg Automation Info
7/8" Power	RSM RKM 461-0.6M/S3059	**RSRK 40-839/0.6M**	Color code different for single ended applications	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
7/8" Power	RSM RKM 461-42M/S3059	**RSRK 40-839/2M**	Color code different for single ended applications	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
7/8" Power	RSM RKM 50-2M/S90	**RSRK 50-877/2M**	Lumberg Automation is 16 AWG, TPE, 8A Turck is 18 AWG, TPU, 9A	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
7/8" Power	RSM RKM 50-5M/S90	**RSRK 50-877/5M**	Lumberg Automation is 16 AWG, TPE, 8A Turck is 18 AWG, TPU, 9A	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
7/8" Power	RSM RKM 40-10M/S1587	**RSRK 40-637/10M**	Lumberg Automation part is rated 300v	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
7/8" Power	RSM RKM 50-10M/S90	**RSRK 50-877/10M**	Lumberg Automation is 16 AWG, TPE, 8A Turck is 18 AWG, TPU, 9A	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
7/8" Power	RSM RKM 40-1M/S1587	**RSRK 40-637/1M**	Lumberg Automation part is rated 300v	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
M12 Power	RKP56PL-5M- RSP56PL	**RST 5L-RKT 5L-949/5 M**	Lumberg Automation GND wire is Pink, PUR jacket, Turck is Gray, PVC jacket	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
M12 Power	RKP56PL-20M- RSP56PL	**RST 5L-RKT 5L-1002/20 M SW**	Lumberg Automation GND wire is Pink, TPE Yellow jacket, Turck is Gray, PVC Gray jacket	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
M12 Power Receptacle	FS56PL-2/M16	**RSF6S 5L-033/2 M**	Lumberg Automation GND wire is Pink, Turck is Gray	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
M12 Power Receptacle	No cross	**RKF6S 5L-033/2M P5G P11**	This is a Lumberg Automation special CR-11922	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Receptacle	RKF40-2M	**RKF 40-693/2M**	Lumberg Automation follows a different wire color code (IEC)	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Receptacle	RSF56-1M	**RSF 50-677/3F**	Lumberg Automation follows a different wire color code (IEC)	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Receptacle	RSF40-2M	**RSF 40-693/2M**	Lumberg Automation follows a different wire color code (IEC), Lumberg housing is Black anodized	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Splitter	RSM 2RKM 40	**0906 UTP 312**		Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Splitter	RSM 2RKM 50	**0906 UTP 316**		Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Power	RSM RKM 34-*M/S4000	**RSPA 3-RKPA 3-802/*M**	18A vs 21A / Available in all common lengths	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Power	GKDF 40-*M/14.5/NPT	**RKFP 4-1/2NPT-803/3M**	Available in all common lengths	Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Power	GSDM GKDM 40-5M	**RSP 4-RKP 4-803/5M**		Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Power	RSF 44-.5M/NPT	**RSFPA 4-1/2NPT-805/0.5M**		Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Power	RSM RKM44-5M S4000	**RSPA 4-RKPA 4-805/5M**		Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Power	GSDM/2GKDM 40	**TAP-A 3**		Short-Form-Catalog-Power-2022-04.pdf (belden.com)
Mini Power	GSDM/GKDM/RKM 34	**TAP-PA 3**	Lumberg Automation 18A, Turck 40A	Short-Form-Catalog-Power-2022-04.pdf (belden.com)