



Table 29-4: overview of corresponding products in this catalogue – type “Listed”

Lapp cable type with UL listing	Listed type	Voltage in V	Temperature in °C	Material	Compliant with NFPA 79 Ed. 2012
Multi-Standard SC 2.1	MTW	600	90	PVC	✓
Multi-Standard SC 2.2	MTW	600	90	PVC	✓
ÖLFLEX® CONTROL TM	MTW, TC-ER, W TTC	600, 1000	90	Special PVC compound	✓
ÖLFLEX® CONTROL TM CY	MTW, TC-ER, W TTC	600, 1000	90	Special PVC compound	✓
ÖLFLEX® Tray II	MTW, TC-ER or DP-1, W TTC	600, 1000	90	Special PVC compound	✓
ÖLFLEX® Tray II CY	MTW, TC-ER or DP-1, W TTC	600, 1000	90	Special PVC compound	✓
UNITRONIC® 300	CMG, PLTC, Open Wiring, Oil Res 1	300	105	PVC	✓
UNITRONIC® 300 S	CMG, PLTC, Open Wiring, Oil Res 1	300	105	PVC	✓
UNITRONIC® FD CP plus	CMX	250	75	PUR	✓
UNITRONIC® FD CP (TP) plus	CMX	250	75	PUR	✓
UNITRONIC® BUS IBS A	CMX	250	70	PVC	✓
UNITRONIC® BUS IBS P COMBI	CMX	250	75	PUR	✓
UNITRONIC® BUS IBS FD P	CMX	250	70	PUR	✓
UNITRONIC® BUS IBS FD P COMBI	CMX	450	70	PUR	✓
UNITRONIC® BUS IBS Yv	CMX	250	75	PVC	✓
UNITRONIC® BUS IBS Yv COMBI	CMX	250	75	PVC	✓
UNITRONIC® BUS LD	CMX	250	70	PVC	✓
UNITRONIC® BUS LD FD P	CMX	250	75	PUR	✓
UNITRONIC® BUS PB A	CMX	250	75	PVC	✓
UNITRONIC® BUS PB FC	CMG	100	60	PVC	✓
UNITRONIC® BUS PB 7-W FC	CMX	250	75	PVC	✓
UNITRONIC® BUS PB H FC	CMX	100	75	FRNC	✓
UNITRONIC® BUS PB P FC	CMX	100	75	PUR	✓
UNITRONIC® BUS PB FD P A	CMX	250	70	PUR	✓
UNITRONIC® BUS PB TORSION	CMX	300	75	PUR	✓
UNITRONIC® BUS PB FESTOON	CMG	600	75	PVC	✓
UNITRONIC® BUS PB FRNC FC	CMG	250	60	PUR	✓
UNITRONIC® BUS PB FD FRNC FC	CMG	250	60	PUR	✓
UNITRONIC® BUS PA (BU)	CMX	100	75	PVC	✓
UNITRONIC® BUS PA (BK)	CMX	100	75	PVC	✓
UNITRONIC® BUS PA FC	CMG	100	75	PVC	✓
UNITRONIC® BUS FF 3 (YE)	CMG/PLTC	300	105	PVC	✓
UNITRONIC® BUS FF 3 ARM	CMG/PLTC	300	105	PVC	✓
UNITRONIC® BUS FF 2	CMG	300	105	PVC	✓
UNITRONIC® BUS CC	CM/PLTC	300	75	PVC	✓
UNITRONIC® BUS CAN	CMX	250	75	PVC	✓
UNITRONIC® BUS CAN FD P	CMX	250	70	PUR	✓
UNITRONIC® BUS ASI (PVC)	CMG	300	80	PVC	✓
UNITRONIC® BUS SAFETY	CMX	250	75	Compound	✓
UNITRONIC® BUS DN THICK FRNC	CMG	300	80	FPE FRNC	✓
UNITRONIC® BUS DN THIN FRNC	CMG	300	80	FPE FRNC	✓
UNITRONIC® BUS DN THICK Y	CMG	300	80	PVC	✓
UNITRONIC® BUS DN THIN Y	CMG	300	80	PVC	✓
UNITRONIC® BUS DN THICK FD P	CMX	300	80	PUR	✓
UNITRONIC® BUS DN THIN FD Y	CMG	300	80	PVC	✓
UNITRONIC® BUS DN THICK FD Y	CMG	300	80	PVC	✓
UNITRONIC® BUS DN THIN FD P	CMX	300	80	PUR	✓
ETHERLINE® PN Cat.5e Y	CMX	125	75	PVC	✓
ETHERLINE® Y FC UL/CSA Cat.5	CMG	600	75	PVC	✓
ETHERLINE® PN Cat.5e YY	CMG	125	70	PVC	✓
ETHERLINE® PN Cat.5 Y Flex FC	CMG	600	70	PVC	✓
ETHERLINE® FD P FC Cat.5e	CMX	300	75	PUR	✓
ETHERLINE® PN Cat.5e FRNC FLEX FC	CMG	100	75	FRNC	✓
ETHERLINE® Y FLEX Cat.5e	CMG	100	75	PVC	✓
ETHERLINE® Y EC FLEX Cat.5e	CMX	300	75	PVC	✓
ETHERLINE® P EC FLEX Cat.5e	CMX	125	75	PUR	✓
ETHERLINE® P EC FD Cat.5e	CMX	125	75	PUR	✓
ETHERLINE® PN Cat.6, Y FLEX	CMG	300	75	PVC	✓
ETHERLINE® PN Cat.6, FRNC FLEX	CMG	300	75	FRNC	✓
ETHERLINE® PN Cat.6, FD Y	CMX	125	75	PVC	✓
ETHERLINE® PN Cat.6, FD P	CMX	125	75	PUR	✓
ETHERLINE® PN Cat.6, TORSION Y	CMX	125	75	PVC	✓
ETHERLINE® PN Cat.6, TORSION P	CMX	125	75	PUR	✓
ETHERLINE® FD P Cat.6	CMX	125	75	PUR	✓

The table displays the state of available certifications at the time of catalogue printing. Please contact us regarding the current certification status of our products.

ÖLFLEX®
UNITRONIC®
ETHERLINE®
HITRONIC®
EPIC®
SKINTOP®
SILVYN®
FLEXIMARK®
ACCESSORIES
APPENDIX

T29 Technical tables

T29: using UL-approved cables



Table 29-5: overview of corresponding products in this catalogue – type AWM

Lapp cable type with AWM style	Style number	Voltage in V	Temperature in °C	Material	Compliant with NFPA 79 Ed. 2012
Multi-Standard SC 2.1	1015	600	105	PVC	✓
Multi-Standard SC 2.2	10269	1000	105	PVC	✓
Multi-Standard SC 1	1007, 1569	300	105	PVC	✓
ÖLFLEX® CLASSIC 110 H	21089	600	75	Special compound, halogen-free	✓
ÖLFLEX® CLASSIC 110 CH	21089	600	75	Special compound, halogen-free	✓
ÖLFLEX® CLASSIC 130 H	21089	600	75	Special compound, halogen-free	✓
ÖLFLEX® CLASSIC 135 CH	21089	600	75	Special compound, halogen-free	✓
ÖLFLEX® CLASSIC 130 H BK	21288	1000	80	Special compound, halogen-free	✓
ÖLFLEX® CLASSIC 135 CH BK	21288	1000	80	Special compound, halogen-free	✓
ÖLFLEX® 150 CY	2587, 21098	600	90	PVC	✓
ÖLFLEX® 150	2587, 21098	600	90	PVC	✓
ÖLFLEX® 191	2587, 21098	600	90	PVC	✓
ÖLFLEX® 191 CY	2587, 21098	600	90	PVC	✓
ÖLFLEX® 491 CP	20234	600	80	PUR	✓
ÖLFLEX® 491 P	20234	600	80	PUR	✓
ÖLFLEX® CONTROL TM	20886	1000	105	Special PVC compound	✓
ÖLFLEX® CONTROL TM CY	20886	1000	105	Special PVC compound	✓
ÖLFLEX® CHAIN 809	20886	1000	80	PVC	✓
ÖLFLEX® CHAIN 809 CY	20886	1000	80	PVC	✓
ÖLFLEX® FD 891	2587, 21098	600	90	PVC	✓
ÖLFLEX® FD 891 CY	2587, 21098	600	90	PVC	✓
ÖLFLEX® FD 855 P	20940	600	80	PUR	✓
ÖLFLEX® FD 855 CP	20940	600	80	PUR	✓
ÖLFLEX® FD 891 P	20234	600	80	PUR	✓
ÖLFLEX® CHAIN 896 P	20234	1000	80	PUR	✓
ÖLFLEX® CHAIN 809 SC	10107	600	90	PVC	✓
ÖLFLEX® FD 90	10107	600	90	PVC	✓
ÖLFLEX® FD 90 CY	10107	600	90	PVC, DESINA _g -compliant	✓
ÖLFLEX® TORSION	10012, 20886	1000	90	Cold-resistant 90 °C, PVC compound	✓
ÖLFLEX® TORSION FRNC	21288	1000	80	Special compound, halogen-free	✓
ÖLFLEX® TORSION D FRNC	21288	1000	80	Special compound, halogen-free	✓
ÖLFLEX® HEAT 180 MS	4476, 3529	600	150	Silicone compound	✓
ÖLFLEX® HEAT 180 C MS	4476, 3529	600	150	Silicone compound	✓
ÖLFLEX® PETRO C HFFR	10587, 20234	1000	80	PUR	✓
ÖLFLEX® ROBOT F1	20940	Up to 1.5 mm ² : From 2.5 mm ² : 600 1000	80	PUR	✓
ÖLFLEX® SERVO 709 CY	20886	1000	90	PVC	✓
ÖLFLEX® SERVO 9YSLCY-JB	2570, 20886	1000	80	PVC	✓
ÖLFLEX® SERVO FD 796 P	20234	1000	80	PUR	✓
ÖLFLEX® SERVO FD 796 CP	20234	1000	80	PUR	✓
ÖLFLEX® SERVO FD 798 CP	20236	30	80	PUR	✓
SERVO cables acc. to INDRAMAT® standard INK	Power cables: 20234 Signalling cables: 20236	Power cables: 600/1000 Signalling cables: 300	80	PUR	✓
SERVO cables acc. to LENZE® standard	Resolver + encoder cable: 2464, 21165 Motor cable: 2570, 20940	Resolver + encoder cable: 300 Motor cable: 600	80	PUR	✓
SERVO cables acc. to SIEMENS® standard 6FX 5008	Power cables: 2570 Signalling cables: 2502	Power cables: 1000 Signalling cables: 30	80	Special PVC compound, DESINA _g -compliant	✓
SERVO cables acc. to SIEMENS® standard FX 8PLUS	Power cables: 21223 Signalling cables: 20236	Power cables: 1000 Signalling cables: 30	80	PUR	✓
UNITRONIC® 300	2464	300	105	PVC	✓
UNITRONIC® 300 S	2464	300	105	PVC	✓
UNITRONIC® LiYCY A	2464	300	80	Special PVC	✓
UNITRONIC® LiYCY(TP) A	2464	300	80	Special PVC	✓
UNITRONIC® LiYY A	2464	300	80	Special PVC	✓
UNITRONIC® BUS CC FD P FRNC	20233	300	80	PUR	✓
UNITRONIC® BUS ASI (TPE)	2103	300	105	TPE	✓
UNITRONIC® BUS ASI FD FRNC	20549	300	80	PUR	✓
UNITRONIC® SENSOR FD	20549	300	80	PUR	✓
UNITRONIC® SENSOR master cable	21198	300	80	PUR	✓
ETHERLINE® Cat.5 FRNC HYBRID	21282	125	70	FRNC	✓
ETHERLINE® TORSION Cat.5	21161	125	80	PUR	✓

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