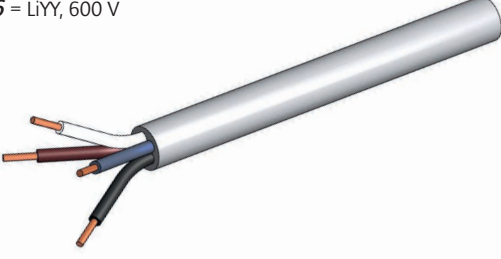


TECHNICAL INFORMATION
Cable qualities

Cable unshielded

PVC	Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
<p>A1 = LiYY A3 = LiYY, 300 V A6 = LiYY, 600 V</p> 	0.14	8	grey	UL 2464	WH - BN - GN - YE - GY - PK - BU - RD	781- A1 1800
		12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- A3 1120
	0.25	3	grey		BN - BU - BK	781- A1 2300
		4			BN - WH - BU - BK	781- A1 2400
		5			BN - WH - BU - BK - GN/YE	781- A1 2500
					BN - WH - BU - BK - GY	781- A1 250G
		6			BN - WH - BU - BK - GY - PK	781- A1 2600
		8			WH - BN - GN - YE - GY - PK - BU - RD	781- A1 2800
	0.34	3	grey		BN - BU - BK	781- A1 3300
					BN - BU - GN/YE	781- A1 330G
		4			BN - WH - BU - BK	781- A1 3400
					BN - BK - BU - GN/YE	781- A1 340G
					5	BN - WH - BU - BK - GY
	BN - WH - BU - BK - GN/YE	781- A1 3500				
	0.5	3	grey		BN - BU - BK	781- A1 530G
		4			BN - WH - BU - BK	781- A1 5400
	0.75	3	grey	cULus 20207	BN - BU - GN/YE	781- A6 7300
		4			BN - WH - BU - BK	781- A3 7400
		5		UL 2464	BU - BK - WH - BN - GN/YE	781- A3 7500
					7	WH - BN - GN - YE - GY - PK - GN/YE
1.5	4	grey	UL 2464	BN - BU - GN/YE	781- A6 8300	
				BN - BU - BK - GN/YE	781- A3 8400	
				BN - WH - BU - BK	781- A3 840G	
5	BU - BK - WH - BN - GN/YE	781- A3 8500				
2.5	3	grey	cULus 20207	BN - BU - GN/YE	781- A6 9300	
	5			BU - BK - WH - BN - GN/YE	781- A6 9500	

TECHNICAL INFORMATION
Cable qualities

Cable unshielded

TPU, halogenfree, for drag chain applications


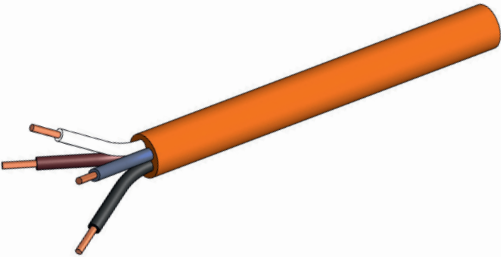
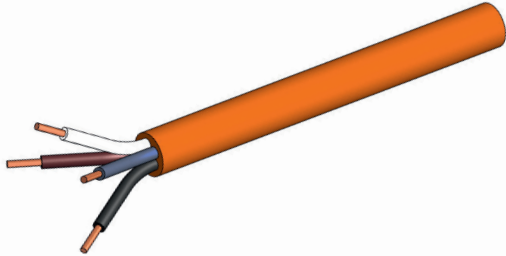

K0 = Li9Y11Y, 600 V, halogenfree, for drag chain applications
K1 = Li9Y11Y, 300 V, halogenfree, for drag chain applications
H5 = Li9Y11Y, halogenfree, for many different applications



Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
0.14	8	black	cULus 20549	WH - BN - GN - YE - GY - PK - BU - RD	781- K1 1800
	12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- K1 1120
0.14/0.34	3/2	black	UL 20549 / 10152	BN (0,34) - WH - BU(0,34) - BK - GY	781- H5 004H
0.25	3	black	cULus 20549	BN - BU - BK	781- K1 2300
	4			BN - WH - BU - BK	781- K1 2400
	5			BN - WH - BU - BK - GY	781- K1 2500
	6			BN - WH - BU - BK - GN/YE	781- K1 250G
	6			BN - WH - BU - BK - GY - PK	781- K1 2600
	8			WH - BN - GN - YE - GY - PK - BU - RD	781- K1 2800
0.34	3	black	cULus 20549	BN - BU - BK	781- K1 3300
				BN - BU - GN/YE	781- K1 330G
	4			BN - WH - BU - BK	781- K1 3400
				BN - BK - BU - GN/YE	781- K1 340G
	5			BN - WH - BU - BK - GY	781- K1 350G
				BN - WH - BU - BK - GN/YE	781- K1 3500
0.34 / 1.0	8/3	black	UL 20549	GY - RD/BU - GN - BU (1,0) - GY/PK - WH/GN - GN/YE (1,0) - BN/GN - WH - YE - BN (1,0)	781- K1 007H
	16/3			RD - VT - GY - RD/BU - GN - BU (1,0) - GY/PK - WH/GN - WH/YE - WH/GY - BK - GN/YE (1,0) - BN/GN - WH - YE - PK - GY/BN - BN (1,0), YE/BN	781- K1 006H
0.5	3	black	cULus 20549	BN - BU - BK	781- K1 5300
	4			BN - WH - BU - BK	781- K1 5400
0.75	2	black	cULus 20549	BN - BU	781- K1 7200
				BN - BU - GN/YE	781- K1 7300
	3		BN - BU - BK	781- K1 730G	
			cULus 20940	BN - BU - GN/YE	781- K0 7300
	4		cULus 20549	BN - BU - BK - GN/YE	781- K1 7400
				BN - WH - BU - BK	781- K1 740G
				BN - WH - BU - BK - GN/YE	781- K1 7500
				BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- K1 7120

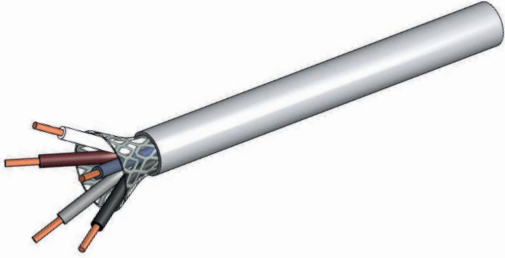

TECHNICAL INFORMATION
Cable qualities

Cable unshielded

		Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.		
TPU, halogenfree, for drag chain applications									
<p>KO = Li9Y11Y, 600 V, halogenfree, for drag chain applications K1 = Li9Y11Y, 300 V, halogenfree, for drag chain applications</p> 		1.5	2	black	cULus 20549	BN - BU	781- K1 8200		
			3			BN - BU - GN/YE	781- KO 8300		
			4			BN - BU - BK - GN/YE	781- K1 8400		
			4			BN - WH - BU - BK	781- K1 840G		
			5			BN - WH - BU - BK - GN/YE	781- K1 8500		
			5			BN - WH - BU - BK - GN/YE	781- KO 8500		
		2.5	3	black	cULus 20940	BN - BU - GN/YE	781- KO 9300		
			5			BN - WH - BU - BK - GN/YE	781- KO 9500		
		TPU, irradiated							
		<p>J1 = Li12Y11X, 300 V, halogenfree, for drag chain applications, welding spatter resistant</p> 		0.34	3	orange	cULus 20549	BN - BU - BK	781- J1 3300
4	BN - WH - BU - BK				781- J1 3400				
5	BN - WH - BU - BK - GN/YE				781- J1 3500				
PP									
<p>P1 = Li12Y9Y, halogenfree</p> 		0.25	3	orange		BN - BU - BK	781- P1 2300		
			4			BN - WH - BU - BK	781- P1 2400		
		0.34	4	orange		BN - WH - BU - BK	781- P1 3400		
			5			BN - WH - BU - BK - GN/YE	781- P1 3500		
			5			BN - WH - BU - BK - GN/YE	781- P1 3500		
TPE									
 <p>S1 = Li12Y33X, halogenfree, welding spatter resistant</p>		0.34	4	black		BN - WH - BU - BK	781- S1 3400		
			5			BN - WH - BU - BK - GN/YE	781- S1 3500		

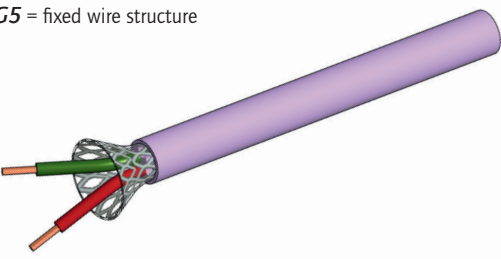
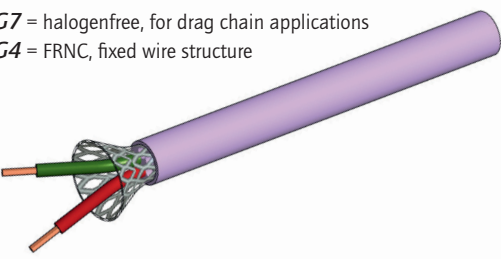
TECHNICAL INFORMATION
Cable qualities

Cable shielded

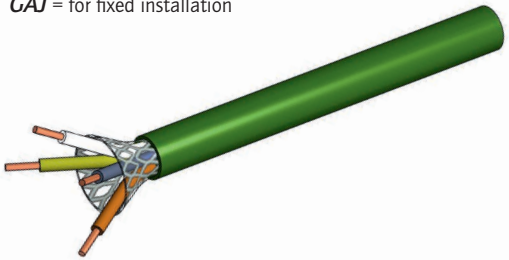
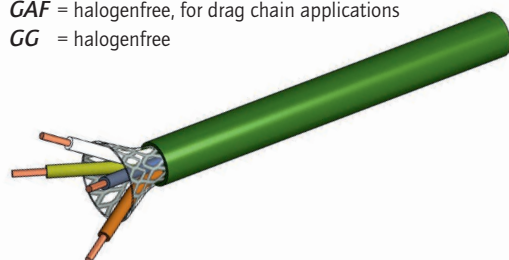
PVC	Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.	
<p>G3 = LiYFCY, 300 V GOA = LiYFCY, 1000 V</p> 	0.14	8	grey	cULus 2464	WH - BN - GN - YE - GY - PK - BU - RD	781- G3 1800	
		12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- G3 1120	
	0.25	3	grey	cULus 2464	BN - BU - BK	781- G3 2300	
		4			BN - WH - BU - BK	781- G3 2400	
		5			BN - WH - BU - BK - GY	781- G3 2500	
		8			WH - BN - GN - YE - GY - PK - BU - RD	781- G3 2800	
	0.34	4	grey	cULus 2464	BN - WH - BU - BK	781- G3 3400	
	1.5	4	orange	UL 2570	SW1 - SW2 - SW3 - GN/YE	781- GOA 8400	
	TPU, halogenfree						
	<p>G2 = Li9YC11Y, 300 V, halogenfree, for many different applications GOB = Li9YC11Y, 1000 V, halogenfree, for drag chain applications</p> 	0.14	8	black	cULus 20549	WH - BN - GN - YE - GY - PK - BU - RD	781- G2 1800
12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU			781- G2 1120	
0.25		3	black	cULus 20549	BN - BU - BK	781- G2 2300	
		4			BN - WH - BU - BK	781- G2 2400	
		5			BN - WH - BU - BK - GY	781- G2 2500	
		8			WH - BN - GN - YE - GY - PK - BU - RD	781- G2 2800	
0.34		4	black	cULus 20549	BN - WH - BU - BK	781- G2 3400	
1.5		4	orange	UL 21223	SW1 - SW2 - SW3 - GN/YE	781- GOB 8400	

TECHNICAL INFORMATION
Cable qualities

Profibus DP
Data cable shielded

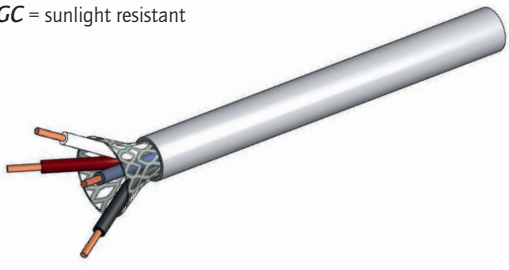
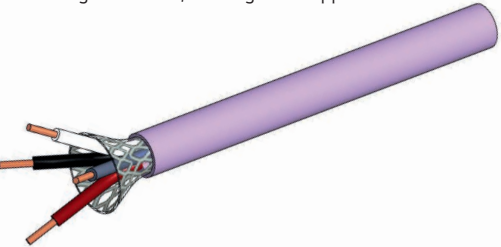
PVC	Wire cross section	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
<p>G5 = fixed wire structure</p> 	AWG 22	2	violet	yes	RD - GN	781- G5 3200
<p>G7 = halogenfree, for drag chain applications G4 = FRNC, fixed wire structure</p> 	AWG 23	2	violet	yes	RD - GN	781- G7 0200
	AWG 22	2		yes	RD - GN	781- G4 3200

Ethernet
Data cable shielded

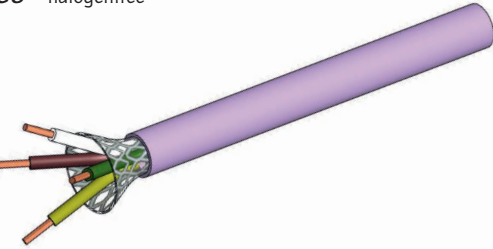
PVC	Wire cross section	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
<p>GAJ = for fixed installation</p> 	AWG 24	4x2	green	UL 2464	WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN	781- GAJ 080T
<p>G6 = UV resistant, for drag chain applications GD = halogenfree, for drag chain applications GAF = halogenfree, for drag chain applications GG = halogenfree</p> 	0,15 mm ²	4	green	UL 20963	WSBU - BU - WSOR - OR	781- GD 1400
	AWG 22	4		yes	YE - WH - BU - OR	781- G6 3400
	AWG 24	4		UL 20236	YE - WH - BU - OR	781- GAF 3400
		4x2	WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN		781- GAF 080T	
	AWG 26	4x2	water-blue	WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN	781- GG 180T	

TECHNICAL INFORMATION
Cable qualities

DeviceNet
Data cable shielded

PVC	Wire cross section [AWG]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
GC = sunlight resistant 	AWG 22 + AWG 23	2x2	grey	yes	RD - BK - WH - BU	781- GC 001H
	AWG 15 + AWG 18	2x2		yes	RD - BK - WH - BU	781- GC 003H
TPU						
GJ = sunlight resistant, for drag chain applications 	AWG 22 + AWG 23	2x2	violet	yes	RD - BK - WH - BU	781- GJ 0400

CAN-Bus
Data cable shielded

PVC	Wire cross section [AWG]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
GU = halogenfree 	AWG 24	4	violet		WH - YE - BN - GN	781- GU 2400