

Mating Cordset Recommendations for Class I, Division 2 Approved Sensors

Sensor Types	Control Drawing	Pinout		eurofast single -ended	eurofast extension	minifast single-ended	minifast extension	Cable
		Primary	Aux					
3-wire 30VDC inductive prox sensors - /S1751 model code. Various Mechanical Styles. See Sheet 2 for specific sensor applicability.	Ni-2.409	1. (+) Brn 2. nc 3. (-) Blu 4. Out Blk		P-RKGV 4.43T-1699-*	P-RKGV 4.43T-1699-*.RSGV 4.43T	P-RKV 443-1699-*M	P-RSV RKV 443-1699-*M	ITC-ER, gray PVC jacket, 3x22AWG Brn, Blu, Blk
V-Prox sensors: Ni 2.5-EG16CA-FDZ32X2-B1151	Ni-1.001	1. N.O. Wht 2. N.C. Red 3. GND Grn 4. nc 5. Com. Blk				Standard: P-RKV 521-196-*M Armored: P-RKV 521A-041-*M	Standard: P-RSV RKV 521-196-*M Armored: P-RSV RKV 521A-041-*M	Standard: ITC-ER, gray PVC jacket, 4x18AWG, wht/rd/grn/blk Armored: ITC, yellow Jacket, 4x18AWG, wht/rd/grn/blk Note: The 10151066 cable has exact Go-Switch cond colors, but is only ITC and has no armored equivalent. The proposed cables substitute black for rd/blk and white for rd/wh
Ni 4-DSU35-2AP4X2-H1140(1)	Ni-1.002	1. (+) Brn 2. Out 2 Wht 3. (-) Blu 4. Out 1 Blk		P-RKGV 4.41T-698-*	P-RKGV 4.41T-698-*.RSGV 4.41T			ITC, gray jacket, 4x22 AWG, Brn, Wht, Blu, Blk
Ni 4-DSU35-2AN4X2-H1140(1)				P-RKGV 4.41T-698-*	P-RKGV 4.41T-698-*.RSGV 4.41T			
Ni 4-DSU35-2AP4X2-B1160-FKE4.5	Ni-1.002	1. (+) Red 2. Out 2 Wht 3. (-) Blu 4. Out 1 Blk 5. Solenoid Org 6. GND Grn	1. nc 2. nc 3. (-) Blu 4. (+) Brn			Primary: P-RKV 634-233-*M	Primary: P-RSV RKV 634-233-*M	ITC-ER, Plum PVC jacket, 6x16 AWG, Rd/Wht/Blu/ Blk/Org/Grn
			Aux Output: P-RKGV 4.2T-852-*	Aux Output: P-RKGV 4.2T-852-*.RSGV 4.2T			ITC-ER, yellow PVC jacket, 2x16 AWG, Blu/ Brn	
Ni 4-DSU35-2ASIX4-H1140(1)	Ni-1.002	1. (+) brn 2. nc 3. (-) blu 4. nc	1. nc 2. nc 3. (-) Blu 4. (+) Brn	Primary: P-RKGV 4.02T-852-*	Primary: P-RKGV 4.02T-852-*.RSGV 4.02T			ITC-ER, yellow PVC jacket, 2x16 AWG, Blu/ Brn
			Aux Output: P-RKGV 4.2T-852-*	Aux Output: P-RKGV 4.2T-852-*.RSGV 4.2T				
Ni 4-DSU35-2DNETX5-H1150(1)	Ni-1.002/ Ni-2.401	1. Drain 2. (+) Red 3. (-) Blk 4. CAN Hi Wht 5. CAN Lo Blu	1. (+) Brn 2. nc 3. (-) Blu 4. nc	Primary: RKGV 577-*	Primary: RSGV RKGV 577-*			ITC-ER, yellow PVC jacket, 2x16 AWG, Blu/ Brn
			Aux Output: P-RKGV 4.02T-852-*	Aux Output: P-RKGV 4.02T-852-*.RSGV 4.02T			PLTC, gray PVC jacket, 4x22 AWG, Blu/Brn, Red/Blk, Drain	
Ni 4-DSU35-2ADZ35X2-B1151	Ni-1.002	1. L1 Sns 2 Blk 2. L1 Sns 1 Blu 3. nc 4. L2 Sns 1 Brn 5. L2 Sns 2 Wht				P-RKV 525-698-*M	P-RSV RKV 525-698-*M	ITC, gray jacket, 4x22 AWG, Blk, Blu, Brn, Wht,
EZ-Track Linear Position Sensors: LT...-Q21-...-H1141	NI-1.003	1. (+) Brn 2. PRGM Wht 3. (-) Blu 4. Out 1 Blk 5. Drain		P-RKGV 5.3T-095-*	P-RKGV 5.3T-095-*.RSGV 5.3T			ITC/PLTC PUR black jacket, 4x22 AWG, Brn, Wht, Blu, Blk Foil/Drain (22)

Inclinometers: Q20L60-....-H1151	B.N...- NI-2.413	1. (+) Brn 2. Out 2 Wht 3. (-) Blu 4. Out 1 Blk 5. Teach Gry		P-RKGV 5.64T-1877-*	P-RKGV 5.64T-1877-* -RSGV 5.64T			ITC/PLTC PVC black jacket, 5x22 AWG, Brn, Wht, Blu, Blk, Gry Foil/Drain(24)
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1. The recommendations are for cordsets with stainless steel coupling nuts; nickel plated brass versions are also available.
2. Recommendations are for the most 'standard' cordsets. Consult factory for other jacket colors and materials that may be available.