

3-Wire *microfast*® Cordsets, Standard Duty

- Straight Female Connectors
- NEMA 1, 3, 4, 6P and IEC IP 67 Protection
- 250 V, 4.0 A



Housing Style	Part Number	Cable	Features	Pinout	
	KB 3T-*	AWM PVC Yellow 3x22 AWG 105°C 5.2 mm OD Cable #RF50531-*M [†]	<i>flexlife</i> ®	1. GN 2. RD/BK 3. RD/WH	
	KB 3T-*/S90	AWM PUR Yellow 3x18 AWG 80°C 5.7 mm OD Cable #RF50547-*M [†]	<i>Cut/Abrasion Immune</i>		
	KB 3T-*/S105	AWM PVC Yellow 3x22 AWG 105°C 5.7 mm OD Cable #RF50535-*M [†]	<i>Braided Copper Shield</i>		
	KB 3T-*/S749	AWM PVC Yellow 2x22 AWG 105°C 5.2 mm OD Cable #RF50650-*M [†]	<i>3-pin with 2 conductors</i>	1. N/C 2. BK 3. WH	
	KB 3T-*/S1507	AWM TPE Grey 3x20 AWG 105°C 5.7 mm OD Cable #RF50940-*M [†]	<i>Flexlife-10, High Flex - Over 10 million cycles</i>	1. BK 2. BN 3. BU	
	KB 3T-*/X0R	AWM PVC Yellow 3x18 AWG 80°C 250°C short term 5.7 mm OD Cable #RF04159-*M [†]	<i>Weld Flash Immune, High Temp Immune</i>	1. GN 2. RD 3. RD/WH	

* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters. Consult factory for other lengths.

** Standard coupling nut material is nickel plated brass "KB .."; "KBK .." indicates nylon and "KBV .." indicates 316 stainless steel.

[†] See Section N for *reelfast*® cable information.

FEMALE END VIEW

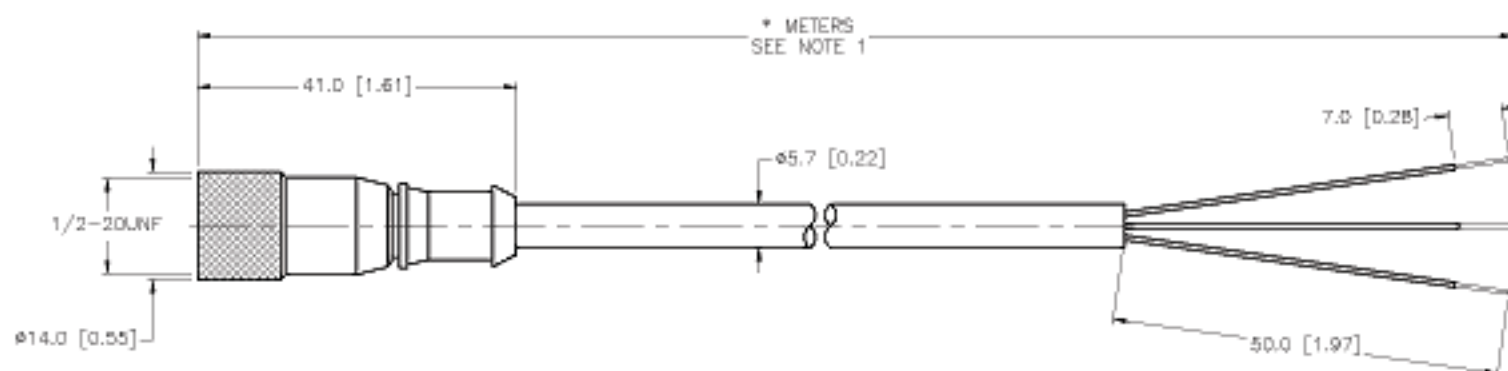


1 = GRN
2 = RED/BLK
3 = RED/WHT



SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON
MOLDED HEAD MATERIAL/COLOR	THERMOPLASTIC PUR/YELLOW
CONTACT MATERIAL/PLATING	GOLD-PLATED BRASS
COUPLING NUT	NICKEL-PLATED BRASS
RATED CURRENT [A]	4.0 A
RATED VOLTAGE [V]	250 V
OUTER JACKET MATERIAL/COLOR	PVC/YELLOW
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	3x22 AWG, WITH BRAIDED SHIELD
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67



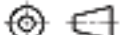
CABLE LENGTH	TOLERANCE
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE
0-7mm	±0.5mm
8-20mm	±1.0mm
30-40mm	±2.0mm
50-60mm	±3.0mm
70-100mm	±5.0mm
OVER 100mm	±5.0mm

NOTES:

1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

2. "/S105" DESIGNATES SHIELDED CABLE.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK INC High Technology Sensors and Automation Controls		
						
MATERIAL	TOLERANCES UNLESS OTHERWISE SPECIFIED 0.5 TO 6 ±0.1 6 TO 30 ±0.2 30 TO 200 ±0.3 OVER 200 ±0.4 ANGLES ±1° ALL INCH DIMENSIONS ARE REFERENCE ONLY	DWTF	JB	DATE 11/18/02	DESCRIPTION KB 3T-*/S105	
SEE SPECIFICATIONS		OSCH		SCALE 1=1.0		
FINISH	UNIT OF MEASUREMENT MILLIMETER INCH 	DO NOT SCALE THIS DRAWING			IDENTIFICATION NO.	REV A
SEE SPECIFICATIONS					FILE: MICRO-C\7770013B1	SHEET 1 OF

A	DRAWING RELEASE	JB	11/19/02	
REV	DESCRIPTION	BY	DATE	EDD NO.