

TURCK

PROCESS AUTOMATION

JUNCTION BRICK AND DEVICE DROP FROM CABLE TRAY SYSTEMS



TURCK is Your Connection to Process Sensing

Rated and Approved for Installation in Hazardous Locations

- General purpose
- Class I, Division 2 nonincendive and explosion proof protection schemes
- Class I, Division 1 or 2 intrinsically safe circuits
- UL recognized, CSA certified cables

Multiple Cable Jacket Ratings

- ITC/PLTC
- Exposed run
- IEC 332 direct burial and FT4 flame ratings
- UV and sunlight resistant

....Point To Point!....Point To Bus!....Bus To Bus!

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Device Connections from Cable Tray Systems

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Bill of Materials

Ref. #	Product Type	Part Number
1	Home Run Cordset For 4-port, installed in non-haz. loc. For 4-port, installed in Div 2 For 8-port, installed in non-haz. loc. For 8-port, installed in Div 2	P-CKMML 12-960-5 P-CKMML 12-960-5 P-CKMML 19-959-5 P-CKMML 19-959-5
2	Junction Box 4-port 8-port	P-4RK FV 40-CSV12 P-8RK FV 40-CSV19
3	Cordset, Standard ITC	P-RSV RKV 40-949-2
4	Cordset, ITC, 'Exposed Run' rated	P-RSV RKV 40-162-2
5	Cordset, armorfast®	P-RSV RKV 40-947-2
6	Receptacle, male	P-RSFV 40A-0.3/14.5/NPT ¹
7	Receptacle, EXP, male	P-RSFV 40EX-0.3/14.5/NPT
8	lokfast® guard	LOCK-MINI

¹ Part number shown is for 1/2-14NPT.
Change 14.5 to 14.75 for 3/4-14NPT receptacles.

Installation Guidelines

ITC rated cables may be used in instrumentation and control circuits operating at 150 V or less and 5 A or less. Ref. NEC 727.1

3 Standard ITC rated cables may be run as open wiring when afforded mechanical protection. Ref. NEC 727.4(5)

4 'Exposed Run' rated ITC cables may be run as open wiring for 50' between tray or raceway and the transmitter. Ref. NEC 727.4(6)

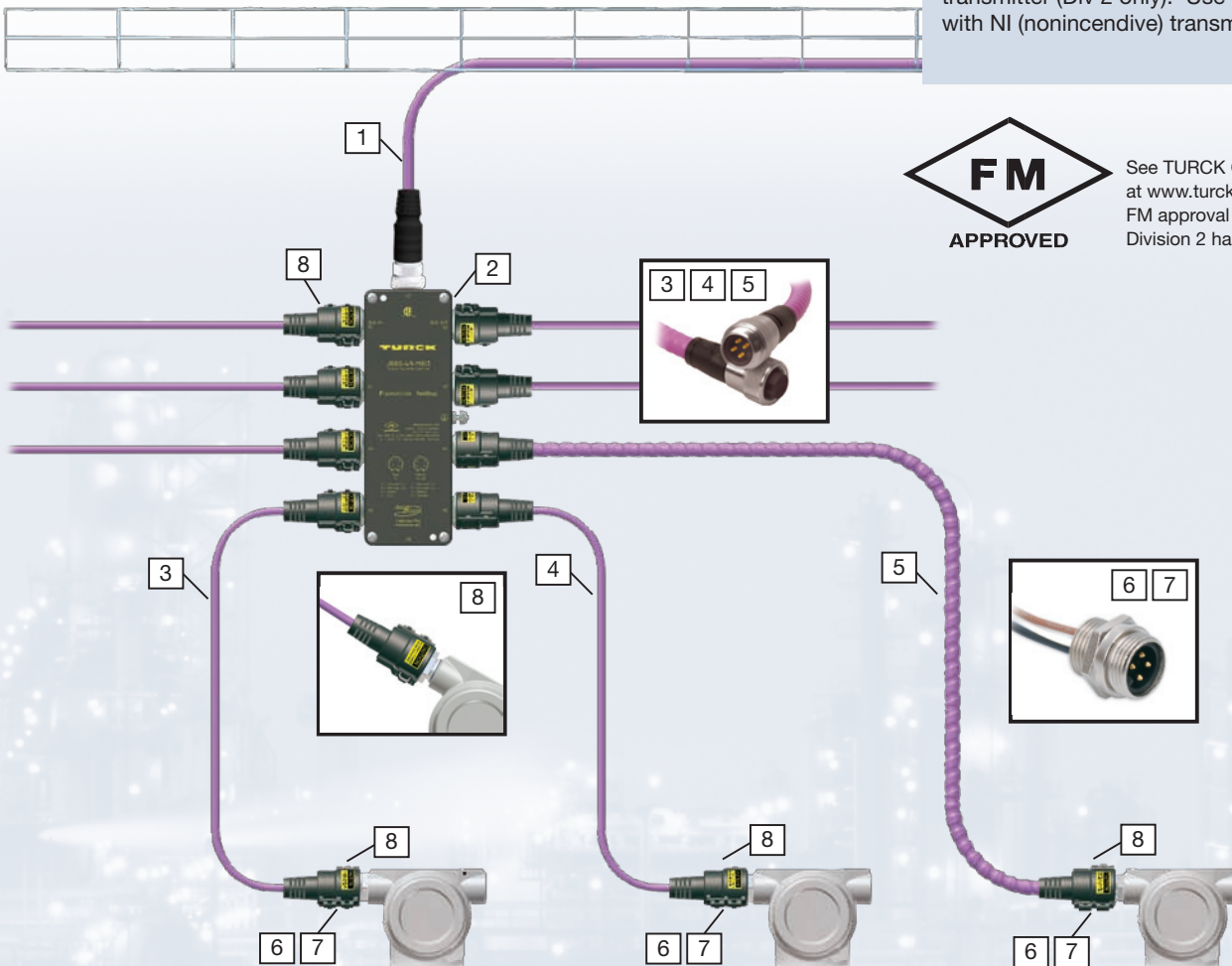
5 Armored ITC cables may be run as open wiring. Ref. NEC 727.4(4)

Installation in Class I, Division 2 Hazardous Locations

Use 8 lokfast guard on all minifast connections in the hazardous location.

Use locking home-run connector P-CKMT-...-...-... when the junction box is in the hazardous location.

Use 7 EXP receptacle when using EXP transmitter (Div 2 only). Use 6 receptacle with NI (nonincendive) transmitter.



See TURCK Control Drawing QCF-00147 at www.turck.com/fmcd for details of the FM approval of these devices for Class I, Division 2 hazardous locations.