

Your Global Automation Partner

# TURCK

## Junction Brick and Device Drop from Cable Tray Systems



Turck is Your Connection to Process Sensing

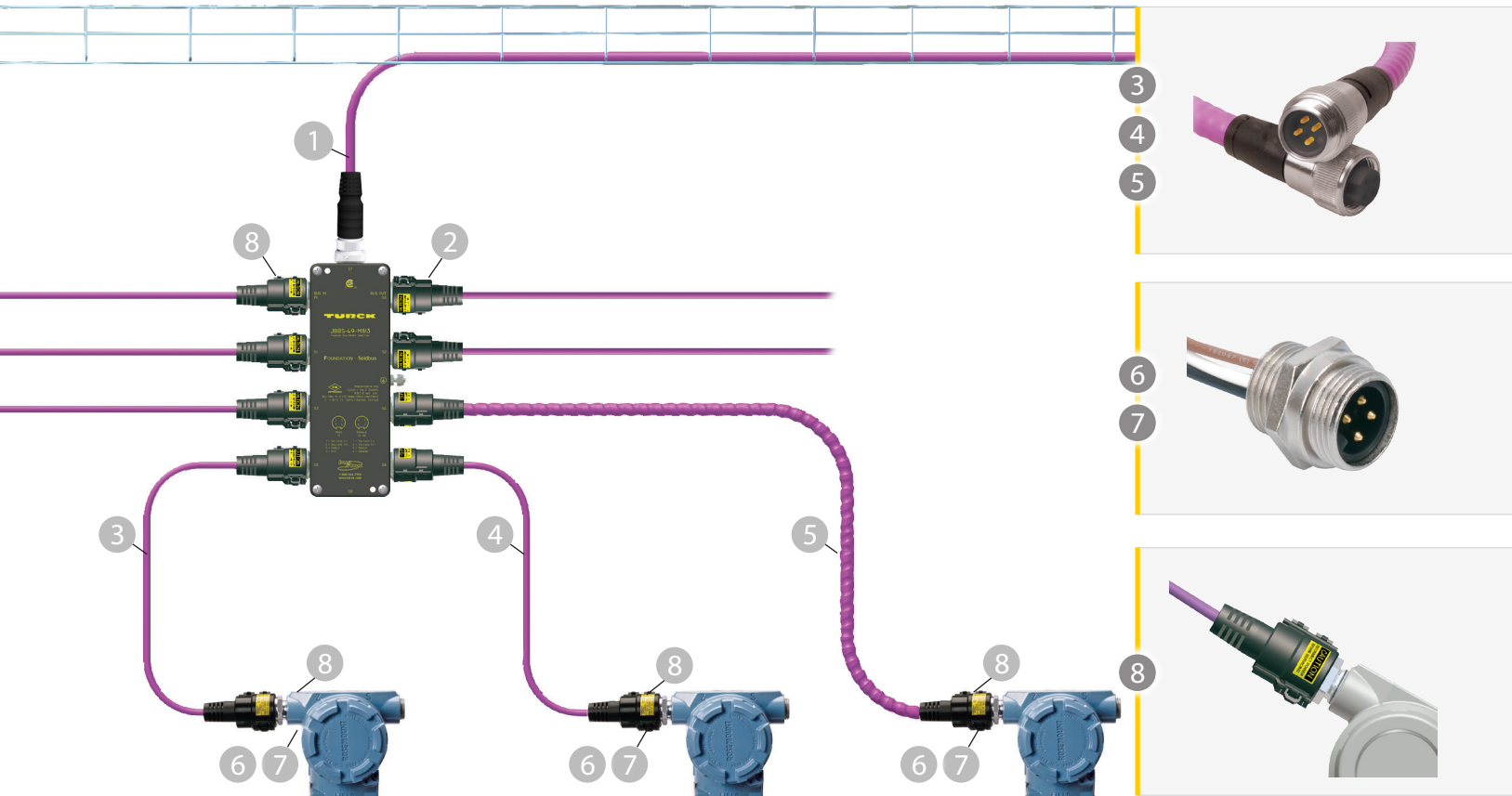
Rated and Approved for Installation in Hazardous Locations

- 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

## Device Connections from Cable Tray Systems



### Bill of Materials

Ref. #	Product Type	Part Number
1	<b>Home Run Cordset</b> 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-CKMVL 12-960-5 P-CKMVL 12-960-5 P-CKMVL 19-959-5 P-CKMVL 19-959-5
2	<b>Junction Box</b> 4-port 8-port	P-4RKfV 40-CSV12 P-8RKfV 40-CSV19
3	<b>Cordset, Standard ITC</b>	P-RSV RKV 40-949-2
4	<b>Cordset, ITC, 'Exposed Run' rated</b>	P-RSV RKV 40-162-2
5	<b>Cordset, armorfast®</b>	P-RSV RKV 40-947-2
6	<b>Receptacle, male</b>	P-RSFV 40A-0.3/14.5/NPT <sup>1</sup>
7	<b>Receptacle, EXP, male</b>	P-RSFV 40EX-0.3/14.5/NPT
8	<b>lokfast® guard</b>	LOCK-MINI

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



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

### Installation Guidelines

ITC rated cables may be used in industrial establishments to install 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

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