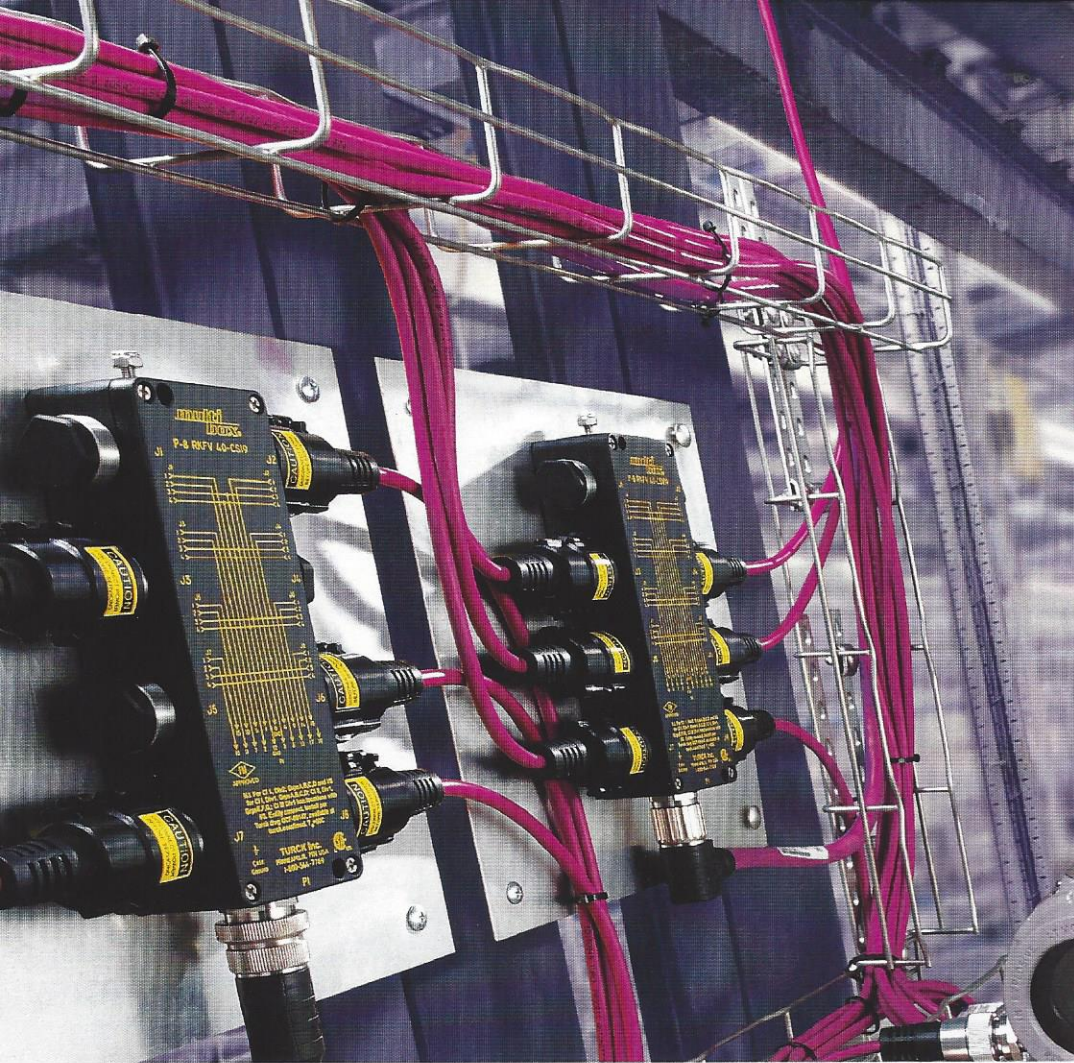


TURCK

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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3000 Campus Drive
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Application Support: 1-800-553-0016
Fax: (763) 553-0708
www.turck.com/process

Device Connections from Cable Tray Systems

TURCK

PROCESS
AUTOMATION

Bill of Materials

| Ref. # | Product Type | TURCK Part Number |
|--------|----------------------------------------------------|----------------------------------------|
| 1 | Home Run Cordset – For 4-port For 8-port | P-CKMT 12-483-* P-CKMT 19-484-* |
| 2 | Junction Box – 4-port 8-port | P-4RKfV 40-CSV12 P-8RKfV 40-CSV19 |
| 3 | Cordset – ITC 'Exposed Run' rated | P-RSV RkV 40-330-* |
| 4 | Cordset – <i>armorfast</i> ® Interlocking aluminum | P-RSV RkV 40A-952-* |
| 5 | Receptacle – Standard, Male | P-RSFV 40D-0.3/14.5/NPT ¹ |
| 6 | Receptacle – EXP, Male | P-RSFV 40DEX-0.3/14.5/NPT ¹ |
| 7 | <i>lokfast</i> ® guard | LOCK-MINI |

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

* = Specify length in meters.

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 ITC-ER rated cables may be run exposed. Ref. NEC 727.4(6)

4 Armored ITC cables need only be supported and secured every 6 feet. Ref. NEC 727.4(5)

Installation in Class I, Division 2 Hazardous Locations

Use 7 *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 6 EXP receptacle to install EXP equipment in Division 2.

Note: Similar products exist for FOUNDATION™ Fieldbus, Profibus®, DeviceNet™, AS-i®, and Ethernet.



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.

