

**TURCK**

Industrial  
Automation

**JUST IN TIME  
FIELDBUS CABLES**



**JUST  
IN  
TIME!**

# JUST IN TIME!

**TURCK**

Industrial  
Automation

Ideally the length of the cord set is adjusted according to the requirements of the plant. For this reason TURCK now offers a Just-in-Time-delivery service (JIT) for premoulded cables.

## The new JIT-5D-Programme for perfect connections:

- Just-in-Time delivery within 5 days only
- Free choice of cable length
- Premoulded fieldbus and power cables
- High flexibility with respect to planning and mounting of your application
- High cost savings

**1.**

**Workday**

**Ordering until  
12 p.m.**

**Production**

**Delivery  
3 workdays after  
ordering**

**Arrival  
at the  
customer**

**5.**

**Workday\***

\* valid for deliveries  
within the European Union (EU)

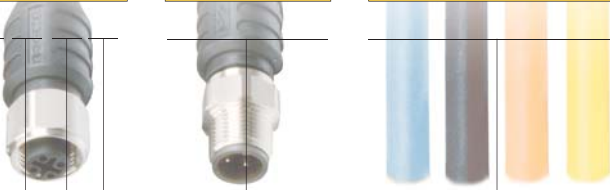
# JIT - product range

## Type code

**TURCK**

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Automation

**RKCV - RSCV - FBY49x - \*M / 5D**



**Just-in-time-programme (5 days)**

### Cable length

0.3 and 0.5 m  
1...5 m (available in 0.5 m steps)  
5...50 m (available in 1.0 m steps)

### Fieldbus system

**451:** PROFIBUS-DP, suited for trailing applications

**452:** PROFIBUS-DP

**572:** DeviceNet™

**52:** Power cable 7/8", 5 pole

**43:** Power cable 7/8", 4 pole

**FBY48x:** PROFIBUS-PA

**FBY49x:** FOUNDATION™ fieldbus

x = colour: BU = blue, BK = black, OG = orange, YE= yellow

**For premoulded cables on both ends**

### Coupling nut / Coding

**M/without:** Coupling nut: Brass, nickel-plated

**V:** Coupling nut: Stainless steel

**W:** Coupling nut: Brass, nickel-plated, reverse-keyed connectors

Mechanical connection

**C:** M12

**without:** 7/8"

**S:** M12 shielded

### Connection mode

**S:** Male

**K:** Female

### Geometry:

**R:** Straight

**W:** Angled



# PROFIBUS-DP cables, type 451/452

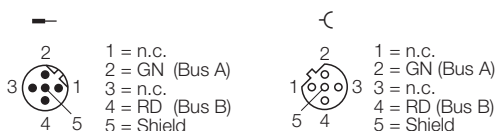
## power cables, type 43/52



M12 x 1		Type designation x = cable type 451 or 452, *M = variable length in m (see type code)			
	<b>one-sided premoduled</b>	<b>RSSW</b> 	<b>WSSW</b> 	<b>RKSW</b> 	<b>WKS</b> 
<b>RSSW</b>	RSSW-45x-*M/5D	RSSW-RSSW-45x-*M/5D	—	RSSW-RKSW-45x-*M/5D	—
<b>WSSW</b>	WSSW-45x-*M/5D	—	WSSW-WSSW-45x-*M/5D	—	WSSW-WKS-45x-*M/5D
<b>RKSW</b>	RKSW-45x-*M/5D	—	—	RKSW-RKSW-45x-*M/5D	—
<b>WKS</b>	WKS-45x-*M/5D	—	—	—	WKS-WKS-45x-*M/5D

### Pin configuration:

Male   
 Female

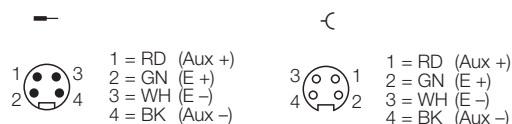


7/8"		Type designation x = cable type 43 or 52, *M = variable length in m (see type code)			
	<b>one-sided premoduled</b>	<b>RSM</b> 	<b>WSM</b> 	<b>RKM</b> 	<b>WKM</b> 
<b>RSM</b>	RSM-x-*M/5D	RSM-RSM-x-*M/5D	—	RSM-RKM-x-*M/5D	—
<b>WSM</b>	WSM-x-*M/5D	—	WSM-WSM-x-*M/5D	—	WSM-WKM-x-*M/5D
<b>RKM</b>	RKM-x-*M/5D	—	—	RKM-RKM-x-*M/5D	—
<b>WKM</b>	WKM-x-*M/5D	—	—	—	WKM-WKM-x-*M/5D

### Cable type 43

### Pin configuration:

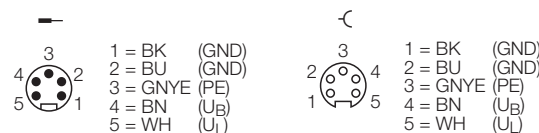
Male   
 Female



### Cable type 52

### Pin configuration:

Male   
 Female



### Connectors:

Coupling nut: Brass  
nickel-plated  
Contacts: Gold-plated  
Grip: PA  
Protection degree: IP67

### Cable layout

Outer Jacket:  
Core isolation:  
Colour code:  
  
Diameter:  
Core diameter:  
Trailing application:  
UL approval:

### 451

TPU, purple  
PE  
GN, RD  
Aluminium foil,  
tin-plated  
copper braid  
approx. 8.5 mm  
AWG22/7  
5 mio. cycles  
—

### 452

PVC, purple  
PE  
GN, RD  
Aluminium foil,  
tin-plated  
copper braid  
approx. 8.1 mm  
AWG22/1  
—  
yes

### 43

PUR, grey  
PP  
BK, GN, RD, WH  
—  
approx. 7.5 mm  
4 x 1.5 mm<sup>2</sup>  
yes  
—

### 52

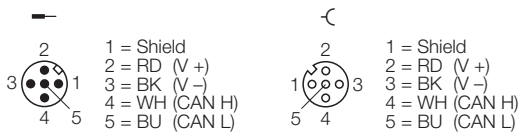
PUR, grey  
PP  
BK, BU, GNYE, BN, WH  
—  
approx. 8.1 mm  
5 x 1.5 mm<sup>2</sup>  
yes  
—



M12 x 1	Type designation cable type 572, *M = variable length in m (see type code)				
	<b>one-sided premoduled</b>	<b>RSC</b>	<b>WSC</b>	<b>RKC</b>	<b>WKC</b>
<b>RSC</b>	RSC-572-*M/5D	RSC-RSC-572-*M/5D	—	RSC-RKC-572-*M/5D	—
<b>WSC</b>	WSC-572-*M/5D	—	WSC-WSC-572-*M/5D	—	WSC-WKC-572-*M/5D
<b>RKC</b>	RKC-572-*M/5D	—	—	RKC-RKC-572-*M/5D	—
<b>WKC</b>	WKC-572-*M/5D	—	—	—	WKC-WKC-572-*M/5D

**Pin configuration:**

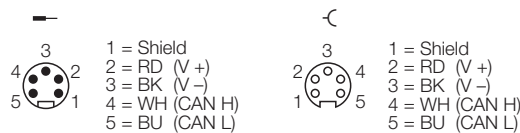
Male   
 Female



7/8"	Type designation cable type 572, *M = variable length in m (see type code)				
	<b>one-sided premoduled</b>	<b>RSM</b>	<b>WSM</b>	<b>RKM</b>	<b>WKM</b>
<b>RSM</b>	RSM-572-*M/5D	RSM-RSM-572-*M/5D	—	RSM-RKM-572-*M/5D	—
<b>WSM</b>	WSM-572-*M/5D	—	WSM-WSM-572-*M/5D	—	WSM-WKM-572-*M/5D
<b>RKM</b>	RKM-572-*M/5D	—	—	RKM-RKM-572-*M/5D	—
<b>WKM</b>	WKM-572-*M/5D	—	—	—	WKM-WKM-572-*M/5D

**Pin configuration:**

Male   
 Female



**Connectors:**

Coupling nut: Brass, nickel-plated  
Contacts: Gold-plated  
Grip: PA  
Protection degree: IP67

**Cable layout**

Outer jacket: PVC, grey  
Core isolation: PE  
Colour code: RD, BK, WH, BU  
Shield: Aluminium foil  
Diameter: approx. 7.2 mm  
Core diameter: AWG22/19  
Trailing application: —  
UL approval: yes

**572**

# PROFIBUS-PA cables

## Cable FBY48...

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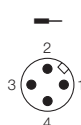
Industrial  
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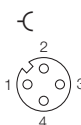
M12 x 1	Type designation cable type FBY48x, x = colour (BU, BK, OG, YE), *M = variable length in m (see type code)				
	<b>one-sided pre-moulded</b>	<b>RSCV</b> 	<b>WSCV</b> 	<b>RKCV</b> 	<b>WKCV</b> 
<b>RSCV</b> 	RSCV-FBY48x- *M/5D	RSCV-RSCV- FBY48x-*M/5D	—	RSCV-WSCV- FBY48x-*M/5D	—
<b>WSCV</b> 	WSCV-FBY48x- *M/5D	—	WSCV-WSCV- FBY48x-*M/5D	—	WSCV-WKCV- FBY48x-*M/5D
<b>RKCV</b> 	RKCV-FBY48x- *M/5D	—	—	RKCV-RKCV- FBY48x-*M/5D	—
<b>WKCV</b> 	WKCV-FBY48x- *M/5D	—	—	—	WKCV-WKCV- FBY48x-*M/5D

### Pin configuration:

Male   
Female



1 = + (BN)  
2 = n.c.  
3 = - (BU)  
4 = S (Shield)

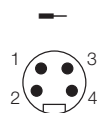


1 = + (BN)  
2 = n.c.  
3 = - (BU)  
4 = S (Shield)

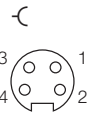
7/8"	Type designation cable type FBY48x, x = colour (BU, BK, OG, YE), *M = variable length in m (see type code)				
	<b>one-sided pre-moulded</b>	<b>RSV</b> 	<b>WSV</b> 	<b>RKV</b> 	<b>WKV</b> 
<b>RSV</b> 	RSV-FBY48x- *M/5D	RSV-RSV-FBY48x- *M/5D	—	RSV-RKV-FBY48x- *M/5D	—
<b>WSV</b> 	WSV-FBY48x- *M/5D	—	WSV-WSV-FBY48x- *M/5D	—	WSV-WKV-FBY48x- *M/5D
<b>RKV</b> 	RKV-FBY48x- *M/5D	—	—	RKV-RKV-FBY48x- *M/5D	—
<b>WKV</b> 	WKV-FBY48x- *M/5D	—	—	—	WKV-WKV-FBY48x- *M/5D

### Pin configuration:

Male   
Female



1 = + (BN)  
2 = n.c.  
3 = - (BU)  
4 = S (Shield)



1 = + (BN)  
2 = n.c.  
3 = - (BU)  
4 = S (Shield)

### Connectors:

Coupling nut: Stainless steel  
Contacts: Gold-plated  
Grip: PA  
Protection degree: IP67

### Cable layout

Outer jacket: Polyvinyl chloride (PVC)  
Core isolation: PE-foam with PR-jacket  
Colour code: BN, BU  
Insulation: Extruded special compound  
Shield: One side plastic coated with aluminium strip, metal exterior with contact to tin-plated copper braid and stranded Drain wire  
Diameter: ≤ 8 mm  
Conductor: 18/7 AWG (0.8 mm<sup>2</sup>), stranded blank copper

# FOUNDATION™ fieldbus cables

## cable FBY49...

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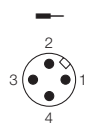


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Automation

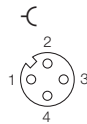
M12 x 1	Type designation cable type FBY49x, x = colour (BU, BK, OG, YE), *M = variable length in m (see type code)				
	<b>one-sided pre moulded</b>	<b>RSCV</b> 	<b>WSCV</b> 	<b>RKCV</b> 	<b>WKCV</b> 
<b>RSCV</b> 	RSCV-FBY49x- *M/5D	RSCV-RSCV- FBY49x-*M/5D	—	RSCV-RKCV- FBY49x-*M/5D	—
<b>WSCV</b> 	WSCV-FBY49x- *M/5D	—	WSCV-WSCV- FBY49x-*M/5D	—	WSCV-WKCV- FBY49x-*M/5D
<b>RKCV</b> 	RKCV-FBY49x- *M/5D	—	—	RKCV-RKCV- FBY49x-*M/5D	—
<b>WKCV</b> 	WKCV-FBY49x- *M/5D	—	—	—	WKCV-WKCV- FBY49x-*M/5D

**Pin configuration:**

Male   
Female



1 = + (BN)  
2 = - (BU)  
3 = S (Shield)  
4 = n.c.

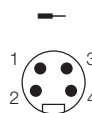


1 = + (BN)  
2 = - (BU)  
3 = S (Shield)  
4 = n.c.

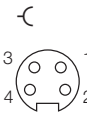
7/8"	Type designation cable type FBY49x, x = colour (BU, BK, OG, YE), *M = variable length in m (see type code)				
	<b>one-sided pre moulded</b>	<b>RSV</b> 	<b>WSV</b> 	<b>RKV</b> 	<b>WKV</b> 
<b>RSV</b> 	RSV-FBY49x- *M/5D	RSV-RSV-FBY49x- *M/5D	—	RSV-RKV-FBY49x- *M/5D	—
<b>WSV</b> 	WSV-FBY49x- *M/5D	—	WSV-WSV-FBY49x- *M/5D	—	WSV-WKV-FBY49x- *M/5D
<b>RKV</b> 	RKV-FBY49x- *M/5D	—	—	RKV-RKV-FBY49x- *M/5D	—
<b>WKV</b> 	WKV-FBY49x- *M/5D	—	—	—	WKV-WKV-FBY49x- *M/5D

**Pin configuration:**

Male   
Female



1 = + (BN)  
2 = - (BU)  
3 = S (Shield)  
4 = n.c.



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2 = - (BU)  
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4 = n.c.

**Connectors**

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Contacts: Gold-plated  
Grip: PA  
Protection degree: IP67

**Cable layout**

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Diameter: ≤ 8 mm  
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