



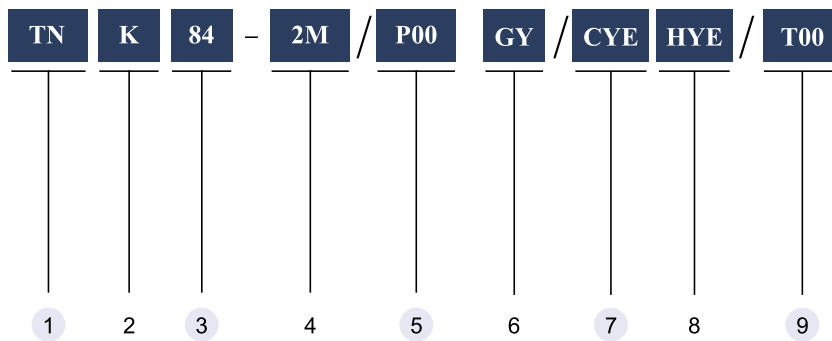
M40
M40
M40



M40
M40

M40 Industrial Connectors

M40 Pre-moulding connector part number key



1 TN M40x1.5 Internal thread
TW M40x1.5 External thread

2 K Female
Z Male

3 Number of pins
Contact distribution
84 : 8pins , 4thick +4thin
64 : 6pins , 4thick +2thin
44 : 4pins , 4thick

4 Length [m]

5 Cable tape

6 Color of cable
Blank Standard color (Orange)
GY Gray (customization)
YE Yellow (customization)

7 Color of contact carrier
Blank Standard (BK)
CBU Blue (customization)

8 Color of plug body
Blank Standard (BK)
HWH White (customization)

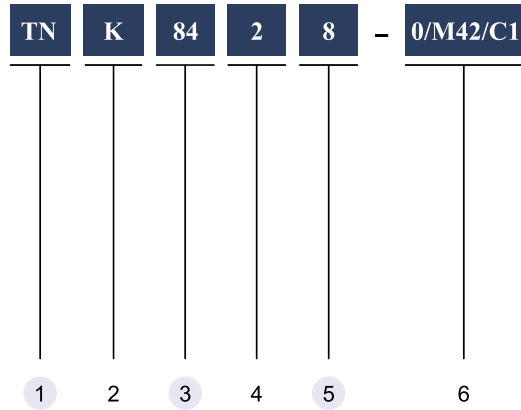
9 Varieties

Extension examples



TNK84 TWZ84-2M/P00

Field wireable connector
part number key



1 TN M40 Internal thread
TW M40 External thread

2 K Female
Z Male

3 Number of pins
Contact distribution
84: 8pins, 4thick +4thin
64: 6pins, 4thick +2thin
44: 4pins, 4thick

4 Material of pin
1 Silver-plated brass
2 Gold-plated brass

5 Housing material
8 Metal

6 Thread Type
0: Single cable

Cable opening M42 (M42)

Range of cores :
C : Thick 4-6mm², thin 0.5-4mm²
C1 : Thick 1.5-4mm², thin 0.5-4mm²
C2 : Thick 6-10mm², thin 0.5-4mm²
C3 : Thick 10-16mm², thin 0.5-4mm²

4PIN/6PIN M40 Pro-moulding connectivity

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- IP degree:IP67
- Rated current:55A(thick),10A(thin)
- Rated voltage:630V
- Insulation resistance: $\geq 10^9 \Omega$
- Forward resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-30...+80°C
- Mechanical operation: ≥ 100
- Max cable dia.:28mm



Pro-moulding connectivity	Type NO.	ID NO.	Cable	Pinout
Straight Female TNK..** 	TNK44-2M/P00 TNK44-5M/P00 TNK44-10M/P00	10095060 10095061 10095062	OR/PVC Shield 4G8AWG (4G10mm ²)	Female
Straight Male TWZ..** 	TWZ44-2M/P00 TWZ44-5M/P00 TWZ44-10M/P00	10095063 10095064 10095065	OR/PVC Shield 4G8AWG (4G10mm ²)	Male
Straight Female TNK..** 	TNK64-2M/P00 TNK64-5M/P00 TNK64-10M/P00	10095066 10095067 10095068	OR/PVC Shield 4G8AW- G+2x16AWG (4G10+2x1.5m ²)	Female
Straight Male TWZ..** 	TWZ64-2M/P00 TWZ64-5M/P00 TWZ64-10M/P00	10095069 10095070 10095071	OR/PVC Shield 4G8AW- G+2x16AWG (4G10+2x1.5m ²)	Male

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

8PIN M40 Pro-moulding connectivity

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- IP degree:IP67
- Rated current:55A(thick),10A(thin)
- Rated voltage:630V
- Insulation resistance: $\geq 10^9 \Omega$
- Forward resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range: $-30...+80^\circ\text{C}$
- Mechanical operation: ≥ 100
- Max cable dia.:28mm



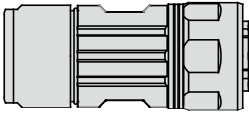
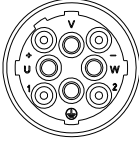
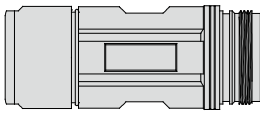
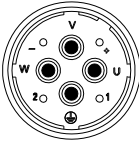
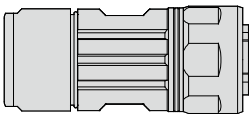
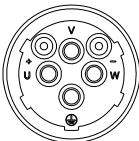
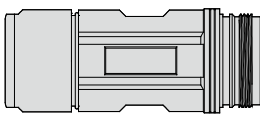
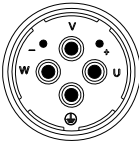
Pro-moulding connectivity	Type NO.	ID NO.	Cable	Pinout
Straight Female TNK..** 	TNK84-2M/P00 TNK84-5M/P00 TNK84-10M/P00	10095072 10095073 10095074	OR/PVC Shield 4G8AWG +4x16AWG (4G10 +4x1.5mm ²)	Female
Straight Male TWZ..** 	TWZ84-2M/P00 TWZ84-5M/P00 TWZ84-10M/P00	10095075 10095076 10095077	OR/PVC Shield 4G8AWG +4x16AWG (4G10 +4x1.5mm ²)	Male

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

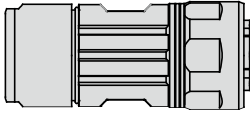
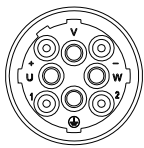
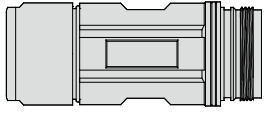
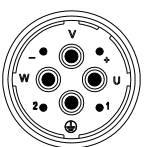


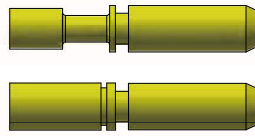
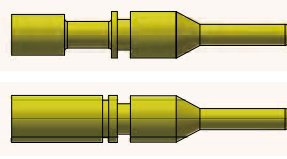
4Pins/6Pins Field wireable connectivity



Field wireable connectivity	Type NO.	ID NO.	Features	Pinout
<p>M40 4Pins Straight Female</p> 	<p>TNK4428-0/M42/C TNK4428-0/M42/C1 TNK4428-0/M42/C2 TNK4428-0/M42/C3</p>	<p>10095084 10095078 10093267 10093268</p>	<p>Brass M42 Range of cable dia. : 13-28mm Crimp -40°C~125°C Power : 630V , 55A C : Thick 4-6mm², thin 0.5-4mm² C1 : Thick 1.5-4mm², thin 0.5-4mm² C2 : Thick 6-10mm², thin 0.5-4mm² C3 : Thick 10-16mm², thin 0.5-4mm² (Include contacts)</p>	<p>Female</p> 
<p>M40 4Pins Straight Male</p> 	<p>TWZ4428-0/M42/C TWZ4428-0/M42/C1 TWZ4428-0/M42/C2 TWZ4428-0/M42/C3</p>	<p>10095085 10095079 10093269 10093270</p>	<p>Brass M42 Range of cable dia. : 13-28mm Crimp -40°C~125°C Power : 630V , 55A C : Thick 4-6mm², thin 0.5-4mm² C1 : Thick 1.5-4mm², thin 0.5-4mm² C2 : Thick 6-10mm², thin 0.5-4mm² C3 : Thick 10-16mm², thin 0.5-4mm² (Include contacts)</p>	<p>Male</p> 
<p>M40 6Pins Straight Female</p> 	<p>TNK6428-0/M42/C TNK6428-0/M42/C1 TNK6428-0/M42/C2 TNK6428-0/M42/C3</p>	<p>10093271 10095051 10095019 10095103</p>	<p>Brass M42 Range of cable dia. : 13-28mm Crimp -40°C~125°C Power : 630V , 55A Signal : 630V , 10A C : Thick 4-6mm², thin 0.5-4mm² C1 : Thick 1.5-4mm², thin 0.5-4mm² C2 : Thick 6-10mm², thin 0.5-4mm² C3 : Thick 10-16mm², thin 0.5-4mm² (Include contacts)</p>	<p>Female</p> 
<p>M40 6Pins Straight Male</p> 	<p>TWZ6428-0/M42/C TWZ6428-0/M42/C1 TWZ6428-0/M42/C2 TWZ6428-0/M42/C3</p>	<p>10093272 10095050 10093273 10095104</p>	<p>Brass M42 Range of cable dia. : 13-28mm Crimp -40°C~125°C Power : 630V , 55A Signal : 630V , 10A C : Thick 4-6mm², thin 0.5-4mm² C1 : Thick 1.5-4mm², thin 0.5-4mm² C2 : Thick 6-10mm², thin 0.5-4mm² C3 : Thick 10-16mm², thin 0.5-4mm² (Include contacts)</p>	<p>Male</p> 

8Pins Field wireable connectivity



Field wireable connectivity	Type NO.	ID NO.	Features	Pinout
<p>M40 8Pins Straight Female</p> 	<p>TKN8428-0/M42/C TKN8428-0/M42/C1 TKN8428-0/M42/C2 TKN8428-0/M42/C3</p>	<p>10095013 10095080 10093274 10093275</p>	<p>Brass M42 Range of cable dia. : 13-28mm Crimp -40°C~125°C Power : 630V , 55A Signal : 630V , 10A C : Thick 4-6mm², thin 0.5-4mm² C1 : Thick 1.5-4mm², thin 0.5-4mm² C2 : Thick 6-10mm², thin 0.5-4mm² C3 : Thick 10-16mm², thin 0.5-4mm² (Include contacts)</p>	<p>Female</p> 
<p>M40 8Pins Straight Male</p> 	<p>TWZ8428-0/M42/C TWZ8428-0/M42/C1 TWZ8428-0/M42/C2 TWZ8428-0/M42/C3</p>	<p>10093276 10095081 10093277 10093278</p>	<p>Brass M42 Range of cable dia. : 13-28mm Crimp -40°C~125°C Power : 630V , 55A Signal : 630V , 10A C : Thick 4-6mm², thin 0.5-4mm² C1 : Thick 1.5-4mm², thin 0.5-4mm² C2 : Thick 6-10mm², thin 0.5-4mm² C3 : Thick 10-16mm², thin 0.5-4mm² (Include contacts)</p>	<p>Male</p> 
<p>M40 Thin Female</p> 	<p>TKX0.5-4-C.8428</p>	<p>10093279</p>	<p>Accepts : 0.5-4mm²</p>	
<p>M40 Thin Male</p> 	<p>TZX0.5-4-C.8428</p>	<p>10093280</p>	<p>Accepts : 0.5-4mm²</p>	
<p>M40 Thick Female</p> 	<p>TK1.5-4-C1.8428 TK4-6-C.8428 TK6-10-C2.8428 TK10-16-C3.8428</p>	<p>10093281 10093282 10093283 10093284</p>	<p>Accepts : 1.5-4mm² Accepts : 4-6mm² Accepts : 6-10mm² Accepts : 10-16mm²</p>	
<p>M40 Thick Male</p> 	<p>TZ1.5-4-C1.8428 TZ4-6-C.8428 TZ6-10-C2.8428 TZ10-16-C3.8428</p>	<p>10093285 10093286 10093287 10093288</p>	<p>Accepts : 1.5-4mm² Accepts : 4-6mm² Accepts : 6-10mm² Accepts : 10-16mm²</p>	