

FT4 series

Wire-to-wire Connectors

Passo 4.20mm

Pitch 4.20mm

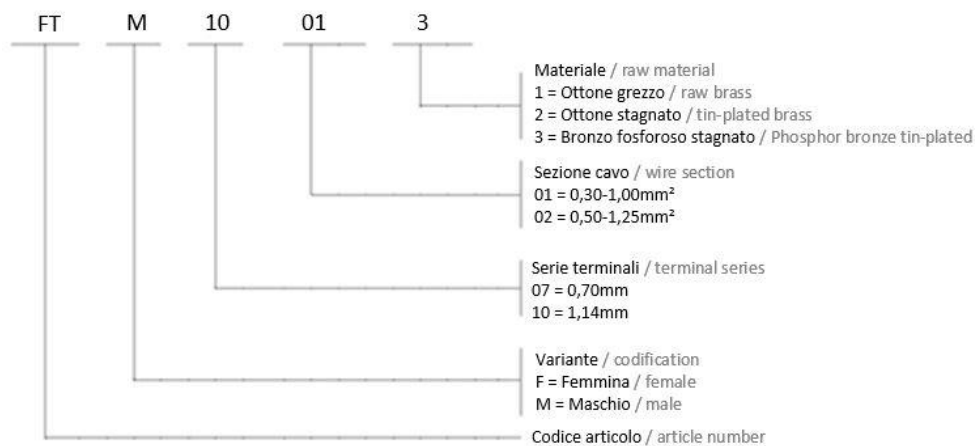
DESCRIZIONE / Overview

Questo tipo di connessione con passo 4,20mm consiste in connettori maschio porta contatto femmina e connettori femmina porta contatto maschio, dove quest'ultimi hanno la predisposizione per il montaggio a pannello. I connettori sono disponibili in materiali con grado di autoestinguenza V2 e V0 secondo la UL94. Trovano applicazioni in cablaggi elettrici utilizzati nell'industria del piccolo e grande Elettrodomestico. La connessione consiste in connettoie multiviva su 2 file di contatti. Per una maggiore sicurezza i connettori maschi accettano solamente contatti a crimpare femmina e i connettori femmina accettano solamente i contatti a crimpare maschi. I connettori femmina inoltre sono adatti al montaggio a pannello.

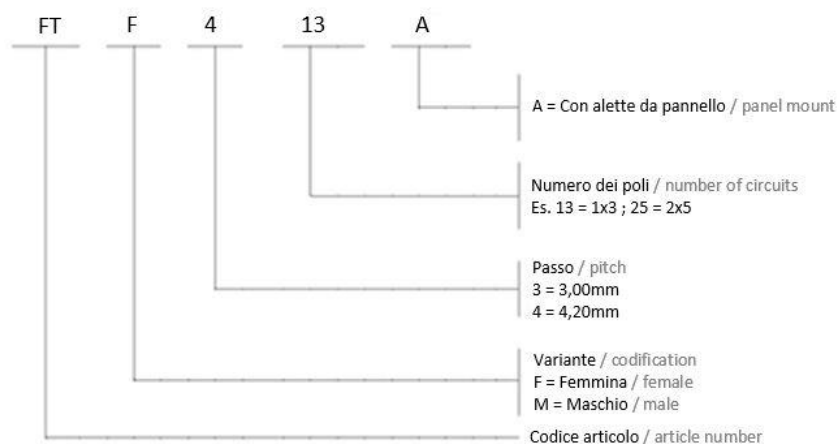
This connection system with pitch 4,20mm is a range of housings with plugs and pins contact and male and female housings. Female housings have the panel mount option. All connector housings are available in materials with self-extinguishing rate V2 or V0 according to UL94. This range of connectors have applications in electrical wiring used in the small and large appliance.

A connector assembly consists of double row housings with a specified number of crimp contacts (sockets) .Male housings mates only sockets and female housings mates only pin terminals. Female housings have panel mounts.

IDENTIFICAZIONE TERMINALI / Terminals Name and Part Number



IDENTIFICAZIONE CONNETTORI / Housings Name and Part Number



CARATTERISTICHE MATERIALI / Materials Specification

Connettori / Housings	PA66-V2, PA66-V0 Glow Wire capable (750°C No flame) according to Directive IEC 60335-1.
Terminali / Contacts	Brass or Phosphor Bronze with tin plating (Lead-Free).

CORRENTI E CAVI APPLICABILI / Ratings and Applicable Wires

Sezioni di cavo applicabili / Applicable wire	0,30-1,00 mm ² / 22-17 AWG
Tensione della corrente di lavoro / Rated voltage	600V AC/DC
Portata di corrente / Rated current (max.)	8A max
Resistenza del contatto / Contact resistance	12 mΩ min




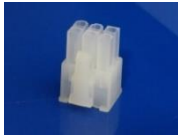
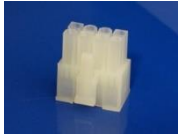
CARATTERISTICHE ELETTRICHE / Electrical Specification

Temperatura d'esercizio / Operating temperature	-40°C ~ +140°C
Resistenza del contatto / Contact resistance	10 mΩ max


AUTOCERTIFICAZIONI / Product Certification



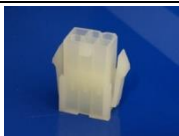




CONNESSIONE MASCHIO DOPPIA FILA / Double row-male connection


DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
	11.0mm	FTF10013	0,35-1,00	22-18	Ottone Brass	Stagnato Tinned	---	5 x 3.500
DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x1	FTM421	PA66	V2	130	---	---	2.000
		FTM421V0	PA66	V0	140	---		
		FTM421H	PA6	V2	130	750°C noflame		
		FTM421Z	PA66	V0	140	750°C noflame		
	2x2	FTM422	PA66	V2	130	---	---	2.000
		FTM422V0	PA66	V0	140	---		
		FTM422H	PA6	V2	130	750°C noflame		
		FTM422Z	PA66	V0	140	750°C noflame		
	2x3	FTM423	PA66	V2	130	---	---	2.000
		FTM423V0	PA66	V0	140	---		
		FTM423H	PA6	V2	130	750°C noflame		
		FTM423Z	PA66	V0	140	750°C noflame		
	2x4	FTM424	PA66	V2	130	---	---	2.000
		FTM424V0	PA66	V0	140	---		
		FTM424H	PA6	V2	130	750°C noflame		
		FTM424Z	PA66	V0	140	750°C noflame		
	2x5	FTM425	PA66	V2	130	---	---	2.000
		FTM425V0	PA66	V0	140	---		
		FTM425H	PA6	V2	130	750°C noflame		
		FTM425Z	PA66	V0	140	750°C noflame		

FEMMINA DOPPIA FILA / Double row female

DESCRIZIONE Description	PASSO Pitch	CODICE Code	Sezione/wire section		MATERIALE Material	TRATTAMENTO Treatment	CERTIFICATI Approvals	CONF.NE Package
			mm ²	AWG				
		FTM10013	0,35-1,00	22-18	Ottone Brass	Stagnato Tinned	---	5 x 3.500

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x1	FTF421A	PA66	V2	130	---	---	2.000
		FTF421AV0	PA66	V0	140	---		
		FTF421AH	PA6	V2	130	750°C noflame		
		FTF421AZ	PA66	V0	140	750°C noflame		
	2x2	FTF422A	PA66	V2	130	---	---	2.000
		FTF422AV0	PA66	V0	140	---		
		FTF422AH	PA6	V2	130	750°C noflame		
		FTF422AZ	PA66	V0	140	750°C noflame		
	2x3	FTF423A	PA66	V2	130	---	---	2.000
		FTF423AV0	PA66	V0	140	---		
		FTF423AH	PA6	V2	130	750°C noflame		
		FTF423AZ	PA66	V0	140	750°C noflame		
	2x4	FTF424A	PA66	V2	130	---	---	2.000
		FTF424AV0	PA66	V0	140	---		
		FTF424AH	PA6	V2	130	750°C noflame		
		FTF424AZ	PA66	V0	140	750°C noflame		
	2x5	FTF425A	PA66	V2	130	---	---	2.000
		FTF425AV0	PA66	V0	140	---		
		FTF425AH	PA6	V2	130	750°C noflame		
		FTF425AZ	PA66	V0	140	750°C noflame		

CONNESSIONE FEMMINA VOLANTE / Female connection

DESCRIZIONE Description	n. vie n.circuit	CODICE Code	MATERIALE Material	RATING			CERTIFICATI Approvals	CONF.NE Package
				UL94	RTI	GWT		
	2x1	FTF421	PA66	V2	130	---	---	2.000
		FTF421V0	PA66	V0	140	---		
		FTF421H	PA6	V2	130	750°C noflame		
		FTF421Z	PA66	V0	140	750°C noflame		