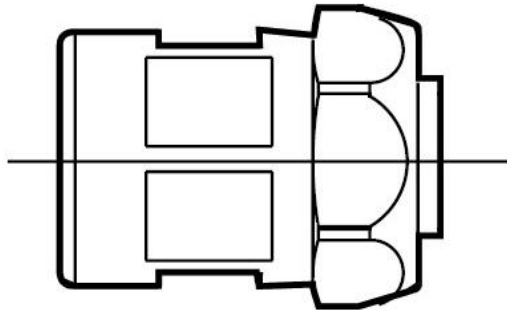


## TILOK TKG connectors

### Straight pipe-conduit connectors

Item codes : from 387880 to 387888



#### SUMMARY

#### PAGES

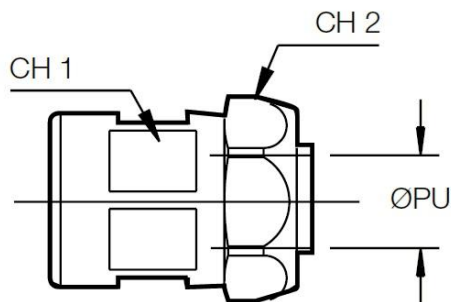
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### 1. DESCRIPTION AND APPLICATIONS

Straight metal patented connector with fast coupling system to connect rigid pipes and flexible conduits. Suitable for most applications it ensures the connection of pipes with high mechanical and thermal performances, high resistance to traction and torque and a good resistance to vibration. Used together with TAZ or TAIX conduits and with PN, P3 or P2X conduits it guarantees a good tightening and a fast patented coupling system. It's the ideal solution for energy, signal or power distribution in industrial, commercial, infrastructures and residential applications.

### 2. DIMENSIONS AND COMPATIBILITY

Dimensions and packaging:



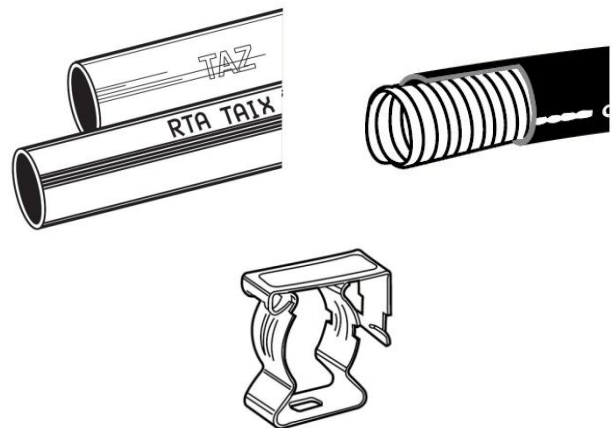
Item TKG	Conduit diam. [mm]*	NW**	Dimensions [mm]			Pack [pcs]
			ØPU	CH1	CH2	
387880	16	12	10,5	24,0	26,0	15
387881	16	16	14,0	24,0	29,0	10
387882	20	16	14,0	28,0	29,0	10
387883	20	21	19,0	28,0	35,0	10
387884	25	21	19,0	33,0	35,0	10
387885	25	27	24,0	33,0	45,0	5
387886	32	27	24,0	40,0	45,0	5
387887	32	35	31,0	40,0	54,0	3
387888	40	40	37,0	50,0	62,0	2

\* External diameter of the pipe

\*\* Nominal diameter of the flexible conduit

#### Compatibility:

Conduits TAZ and TAIX series, Conduits PN, P3, P2X series, metal accessories and equipments.



#### Patent:

All the TILOK connectors have a patented quick system to be coupled with the rigid metal pipes. The patented quick system works without any tools and ensures a protection index IP68 (used with TAZ or TAIX conduits).



### 3. TECHNICAL FEATURES

#### Raw material:

Body and nut: nickel plated brass UNI EN 12164 CW 614N with nickel plating  $2 \div 5 \mu\text{m}$ .

Gasket: thermosetting elastomeric.

Ferrule: tinned steel.

Lock ring: polyamide PA6 [UL94-V2]

## Straight pipe-conduit connectors

### Resistance to corrosion:

Represents the resistance to corrosion in different environments: all TILOK connectors have been subjected to the corrosion tests.

Resistance to corrosion in neutral saline mist in according to UNI ISO 9227 (pluviometric index 1,8 ml/hours): no signs of corrosion after 192 hours.

Resistance to corrosion in constant damp humidity in according to DIN 50017 SK (conditions: 38 °C / 100 °F with 100% of relative humidity): no signs of corrosion after 1000 hours.

### Operating temperature:

Minimum: -25° C / -13° F

Maximum: +150° C / +302° F

### Electric properties:

Electric continuity guaranteed.

### IP protection index:

IP68 with TAZ and TAIX series conduits.

IP65 with PN, P3, P2X series conduits.



IMQ mark: items from 387880 to 387888.



RINA mark: items from 387880 to 387888.

1 <sup>st</sup> digit IP	
Protection against the ingress of solid bodies	
	<b>0</b> No protection
	<b>1</b> Protection against solid bodies larger than 50 mm (e.g.: accidental contact)
	<b>2</b> Protection against solid bodies larger than 12 mm (e.g.: finger)
	<b>3</b> Protection against solid bodies larger than 2.5 mm
	<b>4</b> Protection against solid bodies larger than 1 mm
	<b>5</b> Protection against dust
	<b>6</b> Complete protection against dust

2 <sup>nd</sup> digit IP	
Protection against the ingress of liquids	
	<b>2</b> Protection against drops of water falling at up to 15° from the vertical
	<b>3</b> Protection against drops of rain water at up to 60° from the vertical
	<b>4</b> Protection against sprays of water from all directions
	<b>5</b> Protection against jets of water from all directions
	<b>6</b> Protection against jets of water of similar force to heavy seas
	<b>7</b> Protection against the effects of immersion
	<b>8</b> Protection against prolonged effects of immersion under pressure

## 4. ENVIRONMENTAL PROFILE

All the items identified in this technical sheet respect in terms of concentration of substances and raw materials the European legislations about dangerous and forbidden substances and chemical preparations.

## 5. CONFORMITY AND APPROVALS



All the items identified in this technical sheet are compliant to all the requirements and the regulations currently in force in the European Union about safety, health and environmental issues.

For technical documentation, test reports, commercial information or any other needs please refer to the local LEGRAND office.