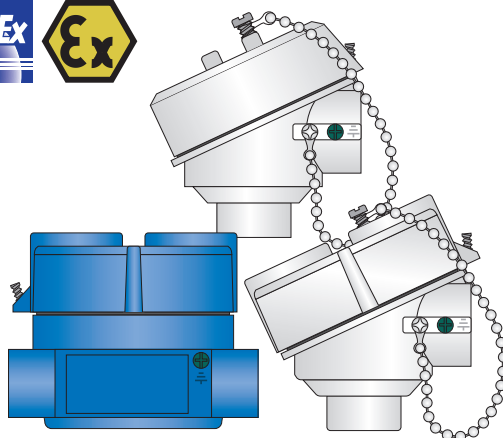


ATEX / IECEx Terminal Heads

Ex d Component Certified Terminal Heads & Enclosures

Our range of terminal heads and enclosures is available in a variety of sizes, materials and finishes and have ATEX / IECEx component approval to Ex d IIC T6 Gb (Gas) and Ex tb IIC Db (Dust) for zone 1 use. All terminal heads and enclosures are supplied without glands/fittings (available to purchase as separate items - see page 14 for details).

- Approved to Ex d IIC T6 Gb (Gas) & Ex tb IIC Db (Dust)
- Choice of die cast aluminium or 316 stainless steel for the most arduous applications
- Wide selection of BSPP, NPT & metric (ISO) threadforms
- Weatherproof to IP68
- Options for large devices and dual cable entry available
- Generally ex-stock for quick delivery
- See page 14 for termination entry glands and cable glands



Terminal Head Selection Table

Code	External View	Internal View	Thread Selection Tables			
			Code	PE - Probe Entry	CE - Cable Entry	
P22	<p>Die cast aluminium head with epoxy coating. Screw top lid. Probe and cable entry at right angles to each other. Accepts terminal blocks or transmitters up to 50mm dia. with M4 screws on 33mm centres. Weight: 0.5kg. Suitable for use over the temperature range: -40 to +85°C. IP68 rated with O-ring supplied. Also available in blue - order code P22B.</p>		Code	PE - Probe Entry	CE - Cable Entry	
			18	1/2" BSPP	1/2" BSPP	
			04	1/2" BSPP	3/4" BSPP	
			05	1/2" BSPP	M20 x 1.5mm	
			49	3/4" BSPP	3/4" BSPP	
			47	3/4" BSPP	M20 x 1.5mm	
			02	1/2" NPT	1/2" NPT	
			01	1/2" NPT	3/4" NPT	
			08	1/2" NPT	M20 x 1.5mm	
			33	3/4" NPT	3/4" NPT	
			12	M20 x 1.5mm	M20 x 1.5mm	
			P23	<p>316 stainless steel head with electro polished finish. Screw top lid. Probe and cable entry at right angles to each other. Accepts terminal blocks or transmitters up to 50mm dia. with M4 screws on 33mm centres. Weight: 1.0kg. Suitable for use over the temperature range: -40 to +85°C. IP68 rated with O-ring supplied.</p>		Code
18	1/2" BSPP	1/2" BSPP				
04	1/2" BSPP	3/4" BSPP				
05	1/2" BSPP	M20 x 1.5mm				
49	3/4" BSPP	3/4" BSPP				
47	3/4" BSPP	M20 x 1.5mm				
02	1/2" NPT	1/2" NPT				
01	1/2" NPT	3/4" NPT				
08	1/2" NPT	M20 x 1.5mm				
33	3/4" NPT	3/4" NPT				
12	M20 x 1.5mm	M20 x 1.5mm				
P27						
			Code	PE - Probe Entry	CE - Cable Entry	
			02	M16 x 2.0mm*	3/4" NPT	
			03	M16 x 2.0mm*	M20 x 1.5mm	
			04	1/2" NPT	3/4" NPT	
			05	1/2" NPT	1/2" NPT	
			06	1/2" NPT	M20 x 1.5mm	
			11	1/2" BSPP	1/2" NPT	
			12	1/2" BSPP	M20 x 1.5mm	

* M16 x 2.0mm thread is supplied for use with pipe mount bracket 01 and is not a thru-hole.

Order Code - Example

Enclosure Code No.	Thread Code
P22	05



ATEX / IECEx Terminal Heads (continued)

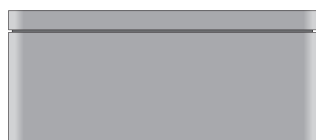
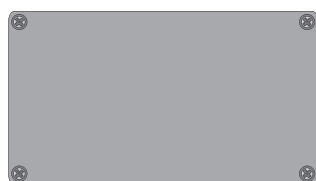
SECTION 1 P30 Multiple Entry Junction Box Details and Thread Selection					
Code	Top View	Side View	Internal View	Thread Selection Tables	
P30				Code	T1, T2, T3 and T4
				02	1/2" NPT
				03	3/4" NPT
				04	M20 x 1.5mm
				05	1/2" BSPP
				06	1/2" BSPT
				Multiple entry die cast aluminium junction box with grey epoxy finish. Screw top lid. Weight 0.6kg. Suitable for use over the temperature range -40 to +85°C. IP68 Rated with O-ring supplied. Can be wall mounted using the integral bolt holes.	

SECTION 2 Entry Configuration					
Code	00	01	02	03	04
P30	<p>4 ENTRIES</p>	<p>3 ENTRIES</p>	<p>2 ENTRIES AT 90°</p>	<p>2 ENTRIES AT 180°</p>	<p>1 ENTRY ONLY</p>

Order Code - Example		
Enclosure Code No.	Entry Type (See section 2)	Thread Code (See section 1)
P30	- 01	- 05



Custom ATEX / IECEx Enclosures



In addition to the terminal heads and junction boxes shown above and on page 15, TC Ltd can also provide a range of custom enclosures to suit a wide variety of hazardous areas and applications.

- Available in die cast aluminium, stainless steel and Polycarbonate materials
- ATEX & IECEx approved to Ex e, Ex d & Ex nA concepts to zones 1 & 2
- Over 20 sizes of enclosure available
- Wide operating temperature up to -40°C to +80°C (dependant on model selected)
- Ingress protection up to IP68
- Corrosion resistant
- Custom entries can be drilled and tapped to accommodate most threadforms on all sides
- Internal DIN rail and terminals can be supplied to suit a variety of equipment (sensors, barriers, transmitters, etc.)
- Please contact our sales department for more details and pricing information

Need advice

on using our **ATEX** approved products?
 Contact one of our experienced engineers on
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 or send an email to atex@tc.co.uk

