



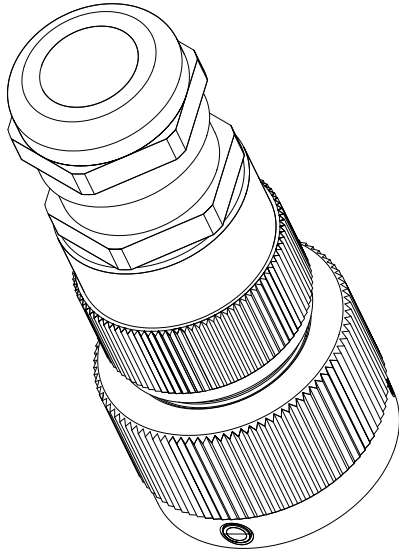
Heavy Duty Transponder for Eurobalise system

- Perfect transmission of data and reliable signal integrity thanks to the use of the world class Hypertac Hyperboloid contact
- Special alloys and conductive plating to resist under harsh environment conditions along railway tracks
- Bayonet locking system for easy maintenance and download/upload of new information into the balise
- Metal shell with conductive plating for shielding purpose
- Self extinguishing or not flammable insulator, smoke-halogen free with high dielectric withstanding voltage
- Vibration tests compliant to MIL-STD-1344 method 2004 cond. III
- IP67 protection, salt water mist tested
- Compliant to VG95234, MIL-C-26482

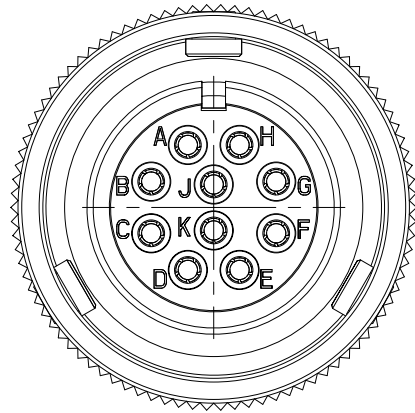
Technical Characteristics

Contact Number	10
Contact Diameter	1.42 mm
Nominal Contact Current	≥1.5 A
Working Voltage	500 V a.c. – 700 V d.c.
Temperature Range	- 40°C + 85 °C
Insulator Resistance	> 5 GOhm with 500 V d.c.
Contact Resistance	< 50 mOhms

**Connector with socket contacts (supplied not assembled)
Order ref: 22183**

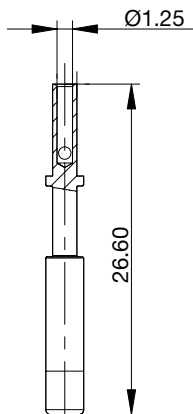
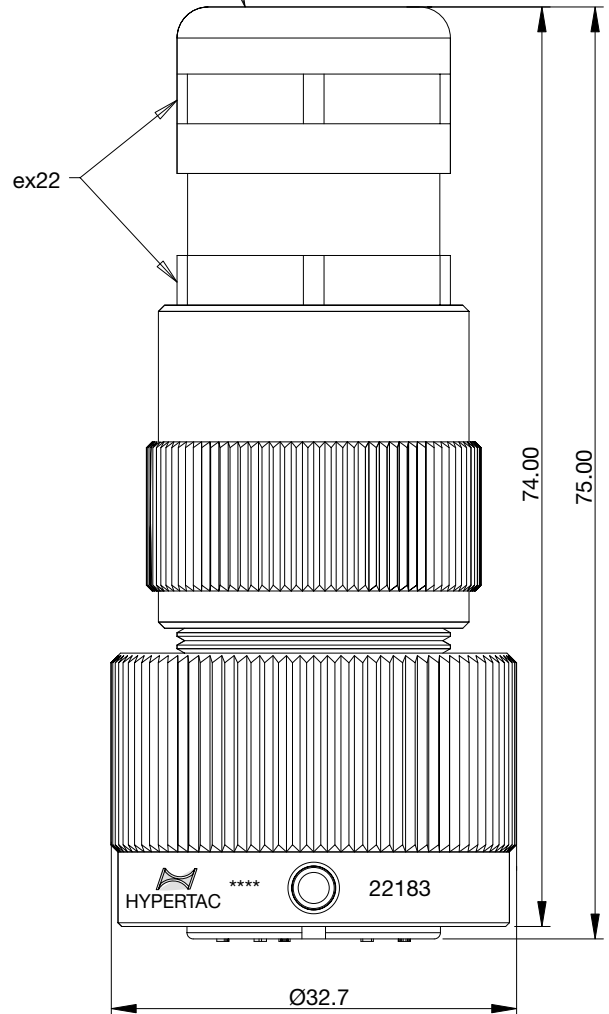


SCALE 1:1



Cable clamp Pg13.5
cable Ø6-12 mm

CONTACT POSITION	X tol.±0.2	Y tol.±0.2
A	-2.08	5.03
B	-5.03	2.08
C	-5.03	-2.08
D	-2.08	-5.03
E	2.08	-5.03
F	5.03	-2.08
G	5.03	2.08
H	2.08	5.03
J	0.00	1.85
K	0.00	-1.85

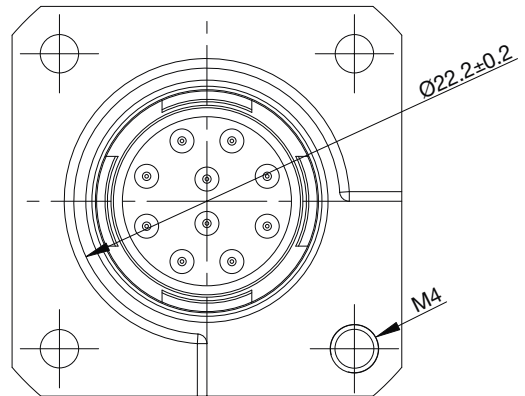
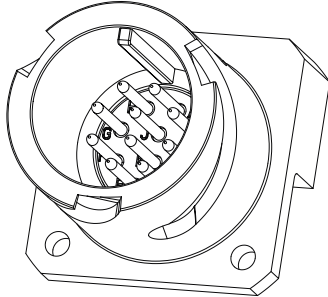


SOCKET CONTACT HC1.42 MM
Order ref: 22204 Z66

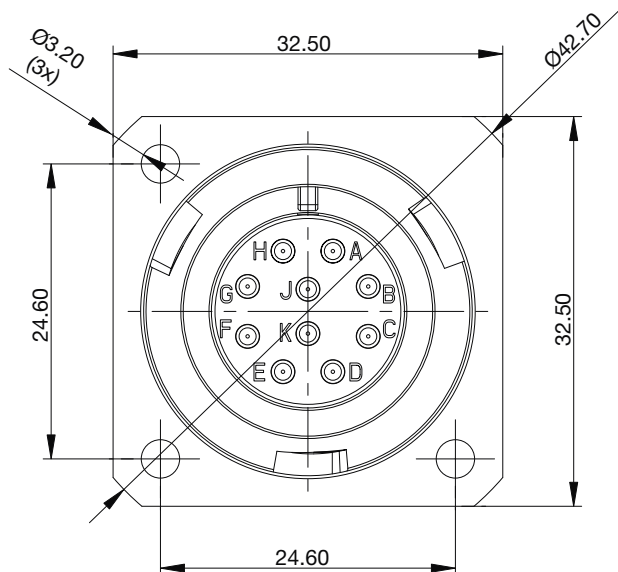
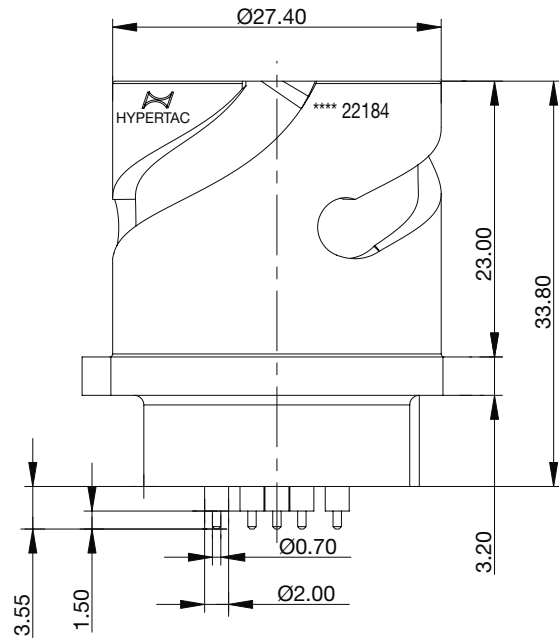
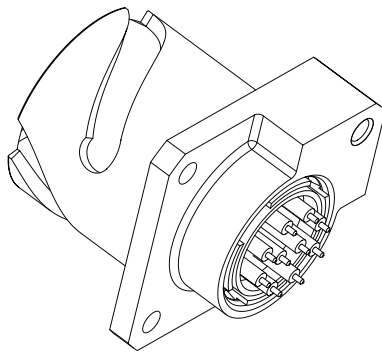
Crimp termination AWG 24-20
Stripping length 6.7-7.1 mm
Crimping tool M22520/1-01 (AF8)
Turret Daniels TP 1034
Insertion/extraction tool 22274

HYPERTAC **** 22183

Connector with pin contacts
Order ref: 22184



SCALE 1:1



CONTACT POSITION	X tol.±0.2	Y tol.±0.2
A	2.08	5.03
B	5.03	2.08
C	5.03	-2.08
D	2.08	-5.03
E	-2.08	-5.03
F	-5.03	-2.08
G	-5.03	2.08
H	-2.08	5.03
J	0.00	1.85
K	0.00	-1.85

Dimensions are in mm