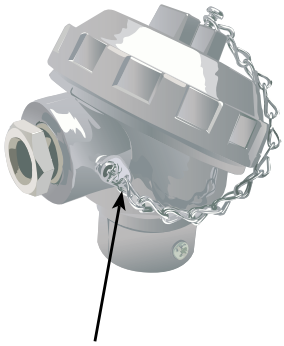
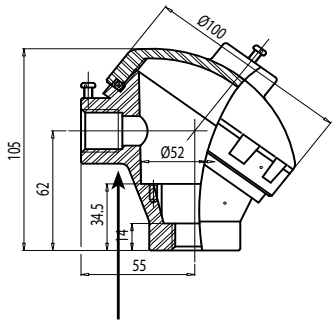
Terminal Head Section User Guide

Example:



Product Photograph



Technical Drawing
(measurements in mm)

Part No.	Process Entry	Conduit Entry
KNC	3/4"	M20 x 1.5

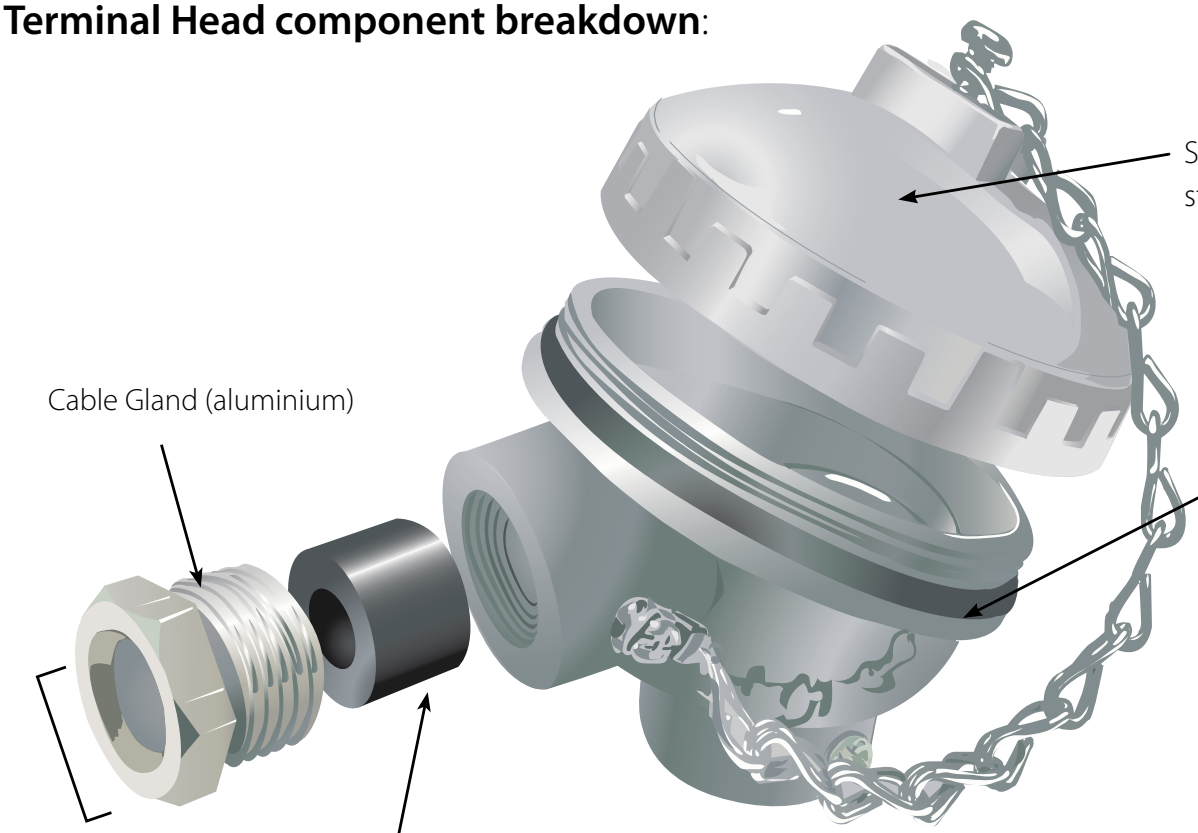
33mm 40mm **IP68** **200°C**

Temperature rating

Ingress Protection (IP) rating

To suit Terminal Blocks with this key code (**see pages 15 to 25 for reference**).

Terminal Head component breakdown:



Silver painting as standard (RAL 9006)

Cable Gland (aluminium)

***O-Ring**
(for tight sealing)

Material Temp Rating
EPDM 140°C (supplied)
SILICON 160°C
VITON 210°C

Conduit Entry

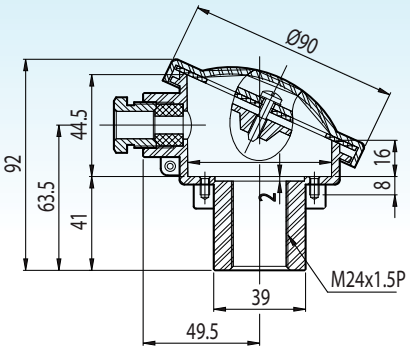
***Rubber bush**.

Process Entry

***Please note - the temperature rating of the seal and bush is often lower than that of the head material. Higher temperature materials on request.**

Aluminium Heads

DINA Equivalent to AA

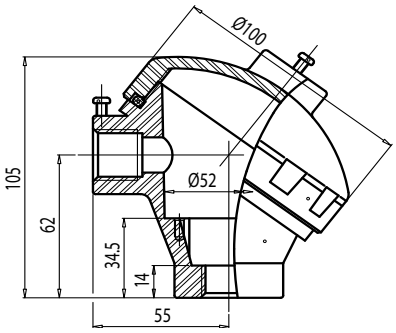


Part No.	PE	CE
H-DINA	1/2" BSP	M20 x 1.5
H-DINA-15.3	15.3mm	M20 x 1.5
H-DINA-21.3	21.3mm	M20 x1.5
H-DINA-22.5	22.5mm	M20 x 1.5
H-DINA22.5-PG16	22.5mm	PG16
H-DINA-32.5	32.5mm	M20 x 1.5
H-DINA-M24	M24 x 1.5	M20 x 1.5
H-DINA-INT*	9mm	M20 x 1.5

* Black painting

46mm **IP68 480°C**

YCE (Double cable entry head)

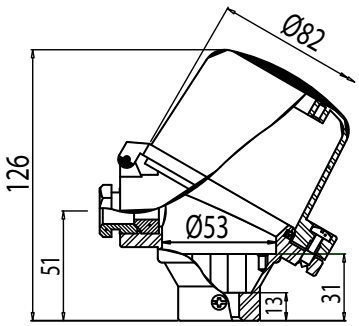


Part No.	PE	CE
H-YCE	1/2" BSP	M20 x 1.5
H-YCE-M24	M24 x 1.5	M20 x 1.5
H-YCE-NPT	1/2" NPT	M20 x 1.5

33mm 40mm **480°C**

- Supplied without cable gland and bush.

KNH(S)



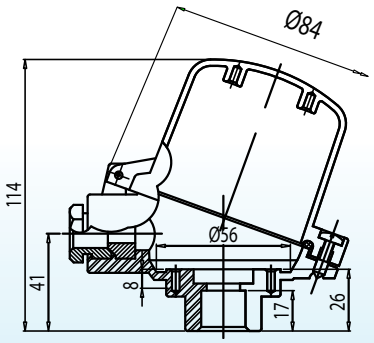
Part No.	PE	CE
H-KNH-S	1/2" BSP	M20 x 1.5
H-KNH-M24-S	M24 x 1.5	M20 x 1.5
H-KNH-NPT	1/2" NPT	M20 x 1.5

33mm 40mm **IP68 480°C**

- Supplied with screw fastening as standard
- Can house two transmitters/terminal blocks.

Lever kit available. Part No. H-LK

BUZ-H Equivalent to DANAW



Part No.	PE	CE
H-BUZH-S	1/2" BSP	M20 x 1.5
H-BUZH-S-M24	M24 x 1.5	M20 x 1.5
H-BUZH-S-NPT	1/2" NPT	M20 x 1.5
BUZH-S-22.5	22.5mm	M20 x 1.5
BUZH-S-M24-12NPT	M24x1.5	1/2" NPT

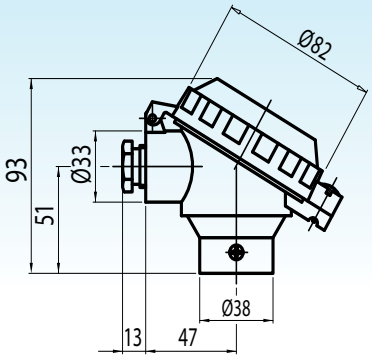
33mm 40mm **IP68 480°C**

- Supplied with screw fastening as standard
- Can house two transmitters/terminal blocks.

Lever kit available. Part No. H-LK

Aluminium Heads

KNP(S)

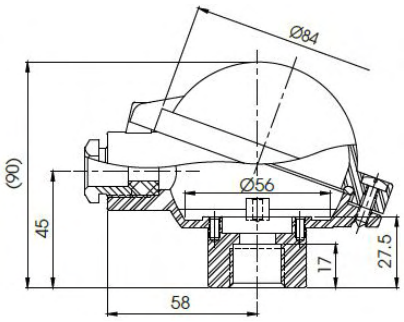


Part No.	PE	CE
H-KNP-S	1/2" BSP	M20 x 1.5
H-KNP-S-34	3/4" BSP	M20 x 1.5

33mm 40mm **IP68** **480°C**

Lever kit available. Part No. H-LK

YUZ

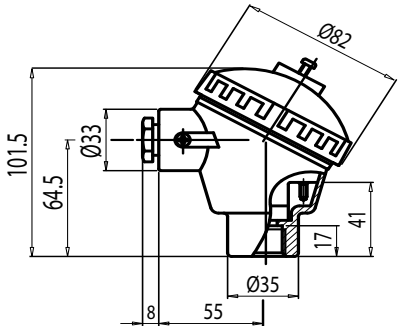


Part No.	PE	CE
H-YUZ-S	1/2" BSP	M20 x 1.5
H-YUZ-S-M24	M24 x 1.5	M20 x 1.5

33mm 40mm **IP68** **480°C**

• High Lid version also available.

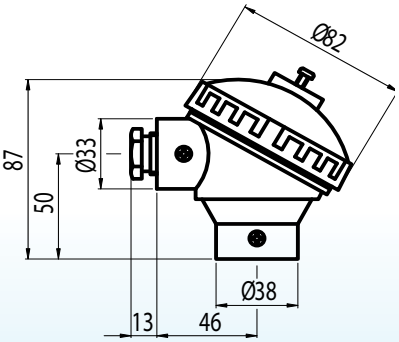
KNL-E



Part No.	PE	CE
H-KNL-E	1/2" BSP	M20 x 1.5

33mm 40mm **IP68** **480°C**

KNE



Part No.	PE	CE
H-KNE	1/2" BSP	M20 x 1.5
H-KNE-LC	1/2" BSP	1/2"BSP
H-KNE-34	3/4" BSP	M20 x 1.5
H-KNE-58	5/8" bore	M20 x 1.5
H-KNE-78	7/8" bore	M20 x 1.5
H-KNE-M20	M20 x 1.5	M20 x 1.5
H-KNE-NPT	1/2" NPT	1/2"NPT
H-KNE-M24	M24 x 1.5	M20 x 1.5
H-KNE-1	1" bore	M20 x 1.5
H-KNE-NPTM20	1/2" NPT	M20 x 1.5
H-KNE-12NPT-34NPT	1/2"NPT	3/4" NPT
H-KNE-12-M25	1/2" BSP	M25 x 1.5
H-KNE-BLUE**	1/2" BSP	M20 x 1.5

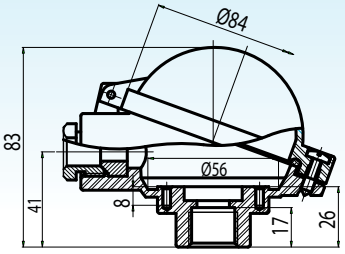
33mm 40mm **IP68** **480°C**

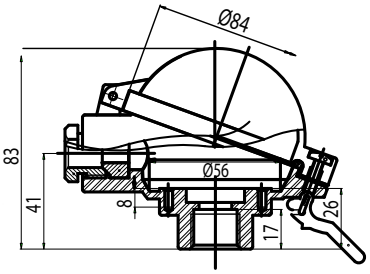
*Epoxy painted
**RAL 5005

Terminal Heads

Aluminium Heads

BUZ Equivalent to DANA





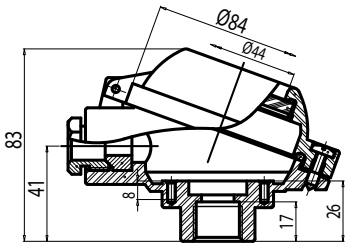
Part No.	PE	CE
H-BUZ-S	1/2" BSP	M20 x 1.5
H-BUZ-S-22.5	22.5mm bore	M20 x 1.5
H-BUZ-S-NPT	1/2" NPT	M20 x 1.5
H-BUZ-S-M24	M24 x 1.5	M20 x 1.5
H-BUZ-S-M24-PG16	M24 x 1.5	PG16
H-BUZ-S-15.3	15.3mm bore	M20 x 1.5

33mm 40mm **IP68 480°C**

• Supplied with screw fastening as standard.

Lever kit available. Part No. H-LK

BUZ-W Equivalent to DANAwin



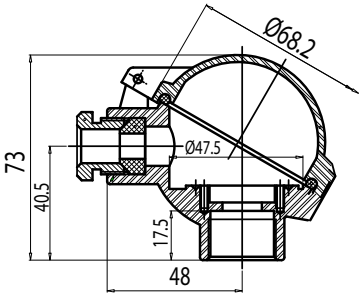
Part No.	PE	CE
H-BUZ-W-S	1/2" BSP	M20 x 1.5

33mm 40mm **IP68 480°C**

• Window version for viewing transmitter.

Lever kit available. Part No. H-LK

SUZ Equivalent to NAA



Part No.	PE	CE
H-SUZ-S	1/2" BSP	M20 x 1.5
H-SUZ-S-M24	M24 x 1.5	M20 x 1.5
H-SUZ-M20	M20 x 1.5	M20 x 1.5
H-SUZ-15.3	15.3mm bore	M20 x 1.5

33mm 27mm **480°C**

• Supplied with screw fastening as standard.

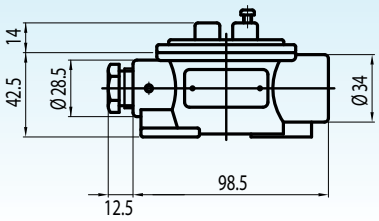
Lever kit available. Part No. H-LK-SUZ

Contact our Sales Team for assistance. Tel: **+44(0)118 9730739** Fax: +44(0)118 9737222

We welcome your enquiries for any Head not listed.

Aluminium Heads

KF Wall Mounted



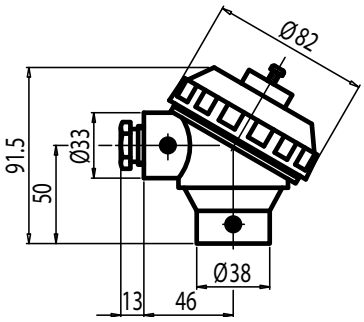
Part No.	PE	CE
H-KF	1/2" BSP	M20x1.5
H-KF-34-M20	3/4" BSP	M20x1.5
H-KF-34-12	3/4" BSP	1/2" BSP
H-KF-M20-M20	M20x1.5	M20x1.5

33mm 40mm **IP68 480°C**

Please Note
Discounts can be given off all list prices dependent upon quantity.

Part No.	Description
H-RTUBE	Radiation Tube - 115 x 22mm (NPB)
H-M20PLUG	Plug - M20 Thread (6mm bore)
H-12PLUG	Plug -1/2" BSP Thread (6mm bore)
H-34PLUG	Plug - 3/4" BSP Thread (6mm bore)

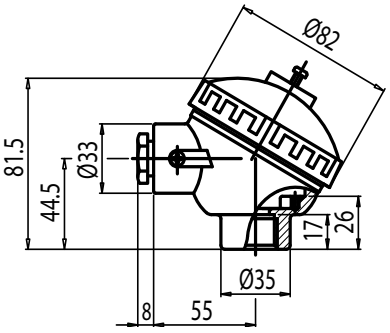
KNC



Part No.	PE	CE
H-KNC-34	3/4" BSP	M20 x 1.5

33mm 40mm **IP68 480°C**

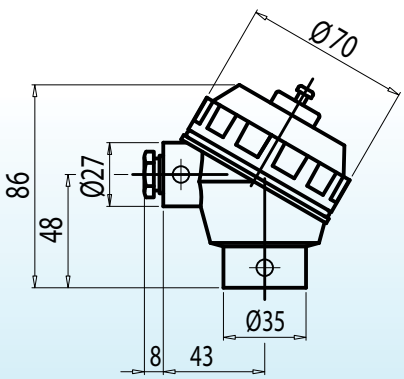
KNA-E



Part No.	PE	CE
H-KNA-E	1/2" BSP	M20 x 1.5

33mm 40mm **IP67 480°C**

KMC

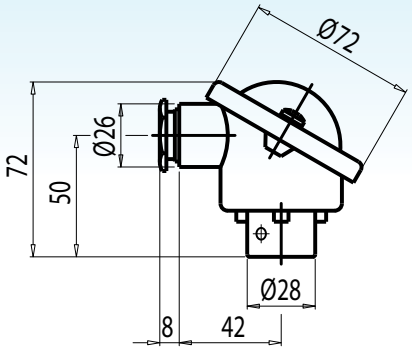


Part No.	PE	CE
H-KMC	1/2" BSP	M20 x 1.5
H-KMC-14	1/4" BSP	M20 x 1.5
H-KMC-M16	M16 x 1.5	M16 x 1.5

33mm **IP68 480°C**

Aluminium Heads

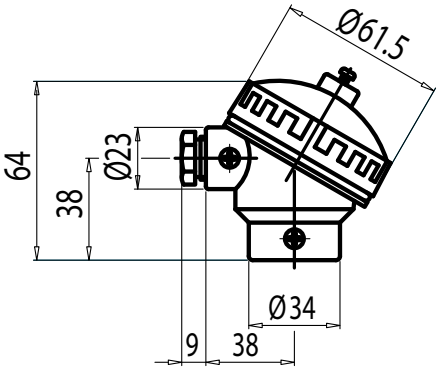
KD (Din Form B) Equivalent to BA



Part No.	PE	CE
H-KD	1/2" BSP	M20 x 1.5
H-KD-M8	M8 x 1.25	M20 x 1.5
H-KD-M20	M20 x 1.5	M20 x 1.5
H-KD-M22	1/2" BSP	M22 x 1.5
H-KD-M24	M24 x 1.5	M20 x 1.5
H-KD-PG16	1/2" BSP	PG16
H-KD-NPT-PG16	1/2" NPT	PG16
H-KD-M10-PG16	M10 x 1.0	PG16
H-KD-M12-PG16	M12 x 1.0	PG16
H-KD-6	6mm bore	M20 x 1.5
H-KD-10.5	10.5mm bore	M20 x 1.5
H-KD-15.3	15.3mm bore	M20 x 1.5
H-KD-M24-BLUE(RAL5005)	M24 x 1.5	M20 x 1.5

33mm **IP68 480°C**

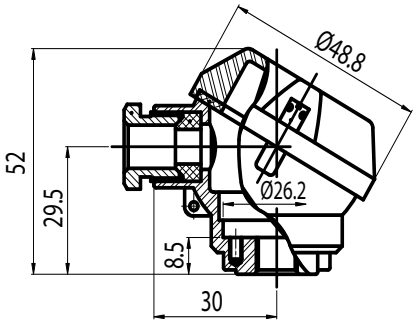
KSE



Part No.	PE	CE
H-KSE	1/8" BSP	M16 x 1.5
H-KSE-14	1/4" BSP	M16 x 1.5
H-KSE-12	1/2" BSP	M16 x 1.5
H-KSE-M16	M16 x 1.5	M16 x 1.5

27mm **IP68 480°C**

MAXT

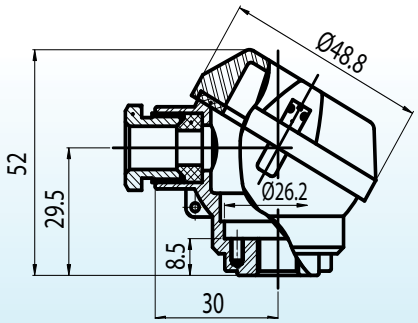


Part No.	PE	CE
H-MA-XT	M20 x 0.75	M16 x 1.5

20mm **IP66 480°C**

MA Small Aluminium Head, M20 x 0.75 externally threaded process.

MA Equivalent to MAA

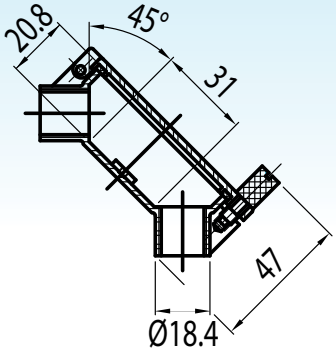


Part No.	PE	CE
H-MA	M10 x 1.0	M16 x 1.5
H-MA-18	1/8" BSP	M16 x 1.5

20mm **IP66 480°C**

Aluminium Heads

KAA

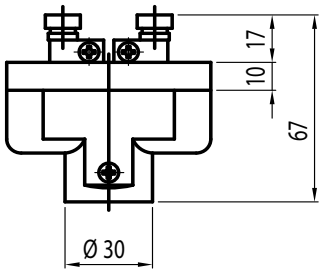


Part No.	Description
H-KAA	Aluminium Angled Entry Head M16 x M16
H-G-M16	M16 cable gland with rubber bushing

19mm **480°C**

- Supplied without cable gland and bush.

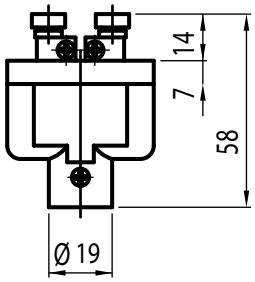
TL Large version (PE - 1/2" BSP)



Part No.	Description
TL-2P-C	TL Head with ceramic 2 way block

- Also available with Bakelite terminal block.

TS Small version (PE - 1/4" BSP)

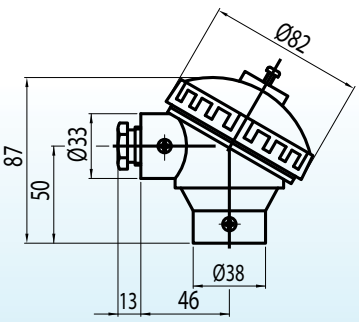


Part No.	Description
TS-2P-C	TL Head with ceramic 2 way block

- Also available with Bakelite terminal block.

Plastic Heads

KNN



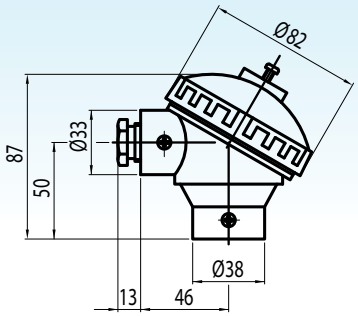
Part No.	PE	CE
H-KNN	1/2" BSP	M20 x 1.5
H-KNN-M24	M24 x 1.5	M24 x 1.5

33mm 40mm **IP65** **200°C**

Glass Filled Nylon.

Plastic Heads

KPP (FDA Approval)

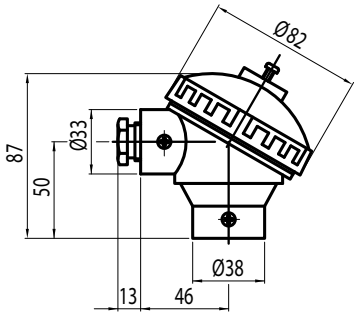


Part No.	PE	CE
H-KPP	1/2" BSP	M20 x 1.5
H-KPP-NPT	1/2" NPT	M20 x 1.5

33mm 40mm **IP66** **165°C**

White Polyproplene.

KPP-B (FDA Approval)

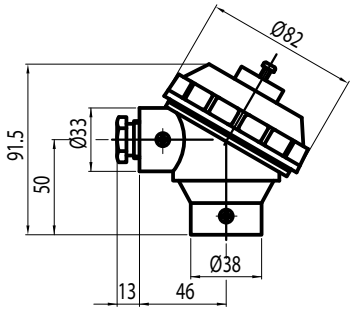


Part No.	PE	CE
H-KPP-B	1/2" BSP	M20 x 1.5

33mm 40mm **IP66** **165°C**

Black Polypropylene.

KB

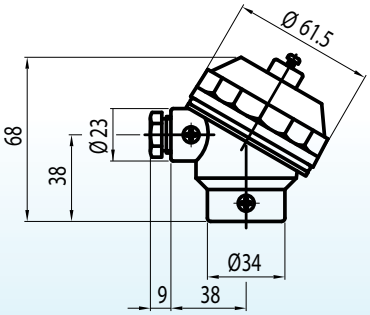


Part No.	PE	CE
H-KB	1/2" BSP	M20 x 1.5

33mm 40mm **IP68** **180°C**

Bakelite.

KBS



Part No.	PE	CE
H-KBS	1/4" BSP	3/8" BSP

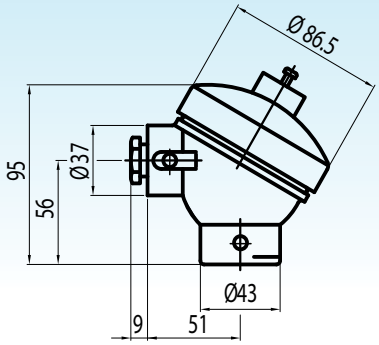
27mm **IP68** **180°C**

Bakelite.

Please Note: All list prices are subject to change.
Check website www.temperaturetechnology.com for up to date information

Cast Iron Heads

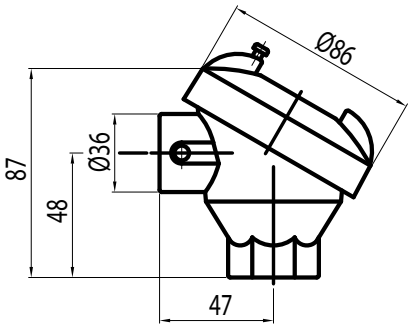
KI



Part No.	PE	CE
H-KI	1/2" BSP	M20 x 1.5
H-KI-34	3/4" BSP	M20 x 1.5
H-KI-NPT	1/2" NPT	M20 x 1.5
H-KI-M24	M24 x 1.5	M20 x 1.5

33mm 40mm **IP67** **900-1000°C**

CCI NEMA 4X Approval

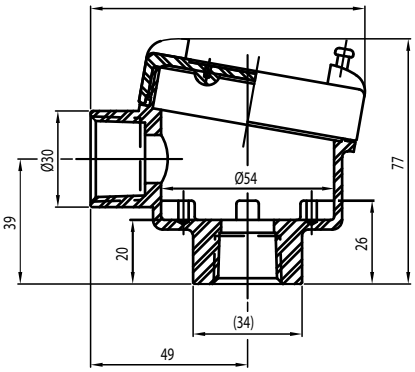


Part No.	PE	CE
H-CCI	1/2" BSP	M20 x 1.5

33mm 40mm 45mm **IP68** **900-1000°C**

Stainless Steel 316 Heads

CLS

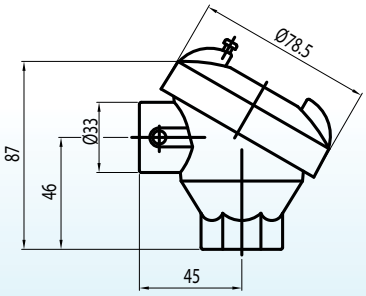


Part No.	PE	CE
H-CLS	1/2" BSP	M20 x 1.5

33mm 40mm 45mm **IP68** **1000-1100°C**

• Supplied without cable gland and bush.

CSS NEMA 4X Certified

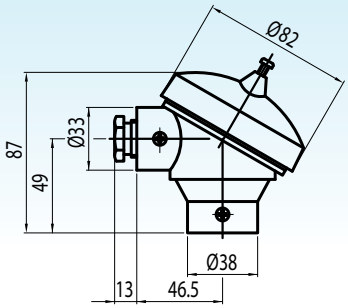


Part No.	PE	CE
H-CSS	1/2" BSP	M20 x 1.5

33mm 40mm 45mm **1000-1100°C**

Stainless Steel 316 Heads

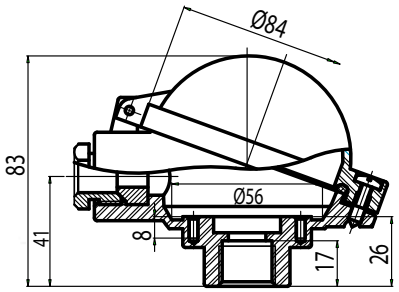
LS



Part No.	PE	CE
H-LS	1/2" BSP	M20 x 1.5
H-LS-M20	M20 x 1.5	M20 x 1.5
H-LS-M25	1/2" BSP	M25 x 1.5
H-LS-NPT	1/2" NPT	M20 x 1.5
H-LS-NPT-NPT	1/2" NPT	1/2"NPT
H-LS-34	1/2" BSP	3/4"BSP

33mm 40mm **IP68 1000-1100°C**

SBUZ

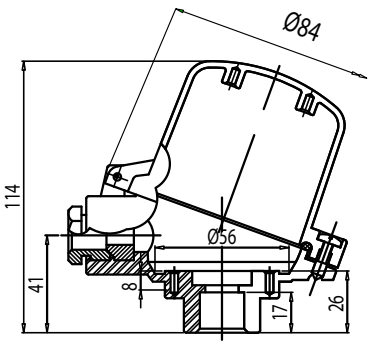


Part No.	PE	CE
H-SBUZ	1/2"BSP	M20 x 1.5

33mm 40mm **IP68 1000-1100°C**

Lever kit available. Part No. H-LK

SBUZ-H

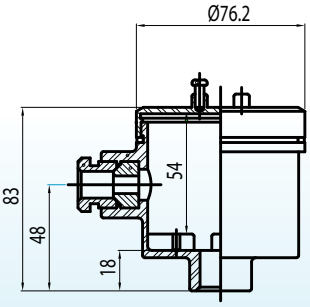


Part No.	PE	CE
H-SBUZH	1/2"BSP	M20 x 1.5
H-SBUZH-NPT	1/2"NPT	M20 x 1.5

33mm 40mm **IP68 1000-1100°C**

Lever kit available. Part No. H-LK

316L



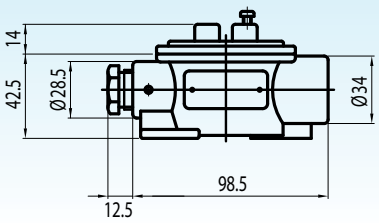
Part No.	PE	CE
H-316L	1/2"BSP	M20 x 1.5
H-316L-NPT	1/2"NPT	M20 x 1.5

33mm 40mm **IP68 1000-1100°C**

- Can house two transmitters/terminal blocks.

Stainless Steel 316 Heads

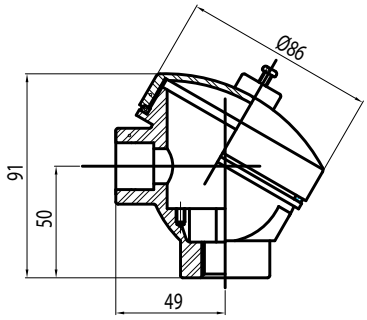
KFS



Part No.	PE	CE
H-KFS	1/2"BSP	M20 x 1.5

33mm 40mm **IP68 1000-1100°C**

BLS

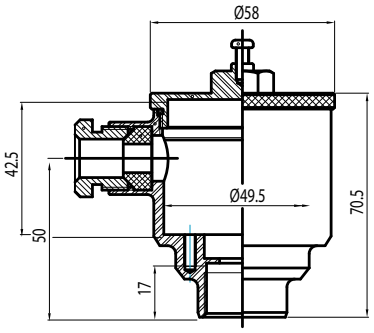


Part No.	PE	CE
H-BLS	1/2"BSP	M20 x 1.5
H-BLS-M25	1/2"BSP	M25 x 1.5

33mm 40mm **IP68 1000-1100°C**

• Supplied without cable gland and bush.

SEG Equivalent to BEG

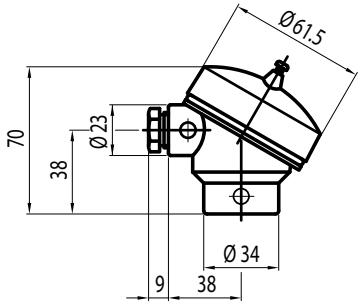


Part No.	PE	CE
H-SEG	M24 x 1.5	M20 x 1.5
H-SEG-12	1/2"BSP	1/2"BSP
H-SEG-12-M20	1/2"BSP	M20 x 1.5

33mm **1000-1100°C**

Highly polished.

SS

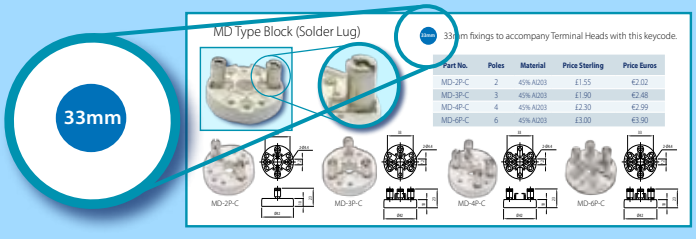


Part No.	PE	CE
H-SS	1/4"BSP	M16 x 1.5
H-SS-12	1/2"BSP	M16 x 1.5

27mm **IP65 1000-1100°C**

REMEMBER!

CHECK WHICH TERMINAL BLOCKS SUIT WHICH HEADS BY LOOKING AT THE COLOURED DOTS.

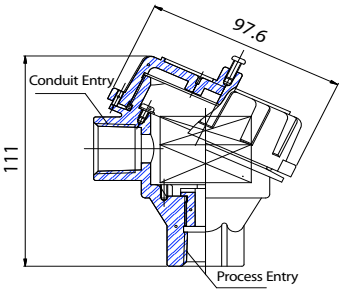


Ex d Terminal Heads

COMPONENT CERTIFIED, FLAMEPROOF EX D TERMINAL HEADS. AVAILABLE WITH ATEX AND FM CERTIFICATION.

Standards: ATEX 94/9/EC, EN 50018, EN60079-1
US (NEC®500) FM3600, CSA C22.2 No. 0, FM3615, C22.2 No.30

XDS Stainless Steel.



Part No.	ATEX/FM approval	PE	CE
XDS-A-12BSP-M20	ATEX	½" BSP	M20x1.5
XDS-A-12NPT-12NPT	ATEX	½" NPT	½" NPT
XDS-F-12NPT-12NPT	FM	½" NPT	½" NPT

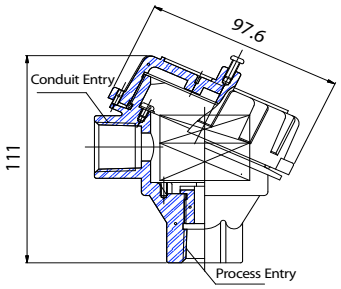
33mm 40mm **IP68** **1000-1100°C**

Bush and flame path collar available upon request (see below).

EC Certificate No. BSI 07 ATEX 1532458U
Rating: EEx d IIC T6 IP68
Ex tD A21 T100'C IP68

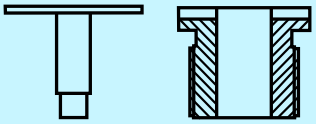
FM Certificate: NEC 500 EXPLOSIONPROOF
Rating: Class I, Division 1, Groups A, B, C, D, T6
Class I, Division 1, Groups E, F, G, T6
Class III, Type 4X

XDA Aluminium, Epoxy paint RAL5005.



Part No.	ATEX/FM approval	PE	CE
XDA-A-12BSP-M20	ATEX	½" BSP	M20x1.5
XDA-A-12NPT-12NPT	ATEX	½" NPT	½" NPT
XDA-A-34BSP-M20	ATEX	¾" BSP	M20x1.5
XDA-A-M24-M20	ATEX	M24x1.5	M20x1.5
XDA-F-12NPT-12NPT	FM	½" NPT	½" NPT
XDA-F-12NPT-34NPT	FM	½"NPT	¾"NPT

33mm 40mm **IP68** **480°C**



Flamepath collar, £5.00/pc €6.50/pc,
and **Bush**, £5.00/pc €6.50/pc.

EC Certificate No. BSI 07 ATEX 1532458U
Rating: EEx d IIC T6 IP68
Ex tD A21 T100'C IP68

FM Certificate: NEC 500 EXPLOSIONPROOF
Rating: Class I, Division 1, Groups A, B, C, D, T6
Class I, Division 1, Groups E, F, G, T6
Class III, Type 4

Contact our Sales Team for assistance.

Tel: **+44(0)118 9730739** Fax: +44(0)118 9737222

We welcome your enquiries for any Head not listed.

Custom Heads

Tailor made to suit specific requirements

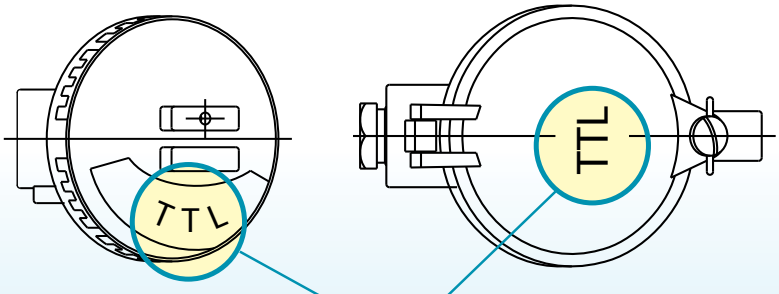
SS, Aluminium, CI, Plastics Heads

Various process and conduit entries available

Colour painting to RAL no's

Epoxy Coating Available

New designs can be tooled from sample or drawing (subject to MOQ).



Company name molding available

Certification on all heads available upon request