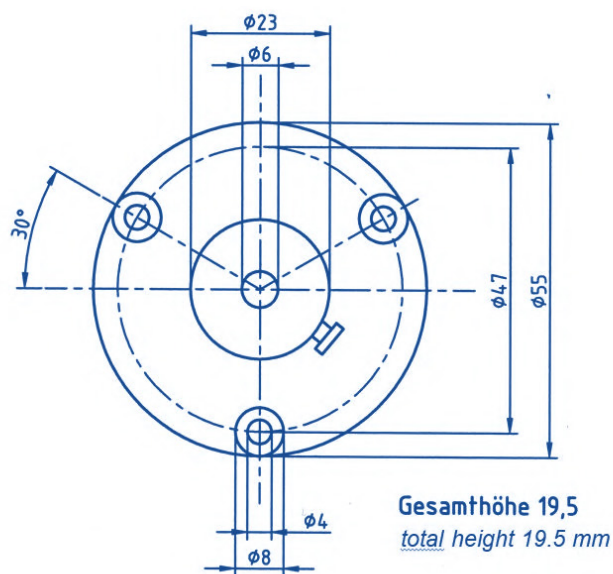
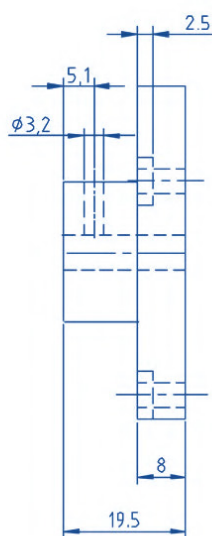
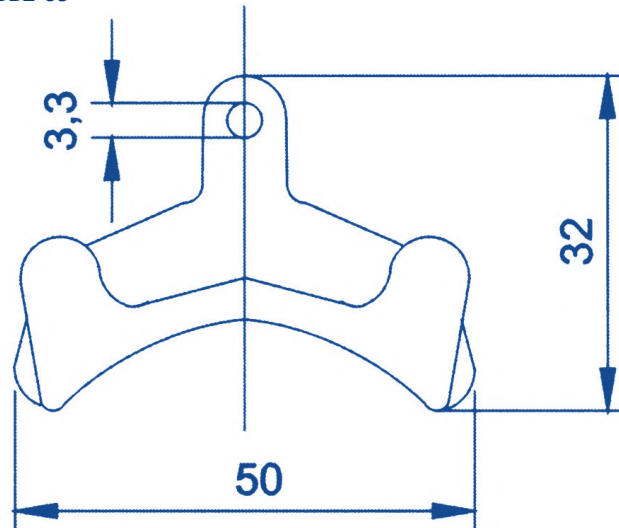


TEMPERATURFØLERE

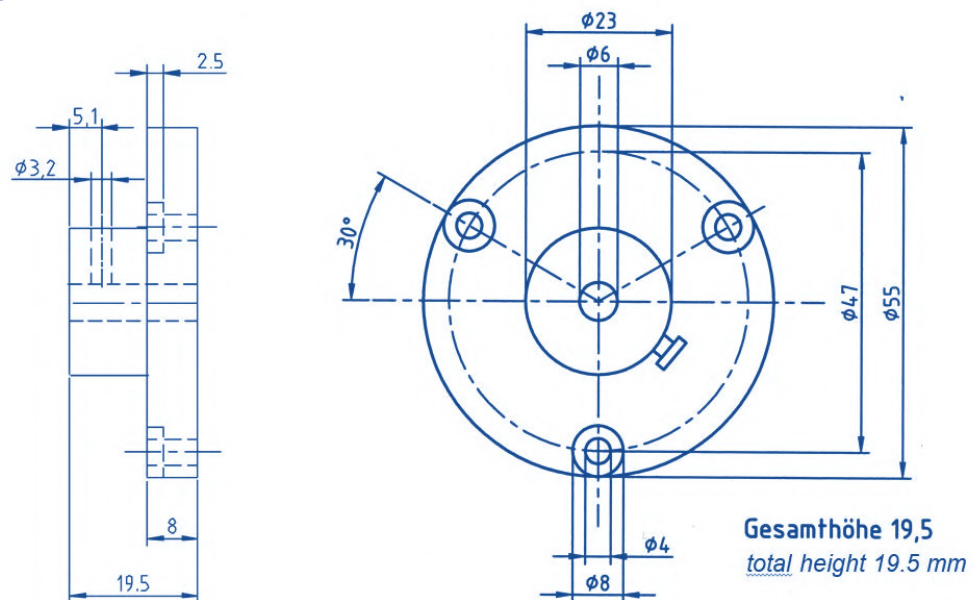


TILBEHØR

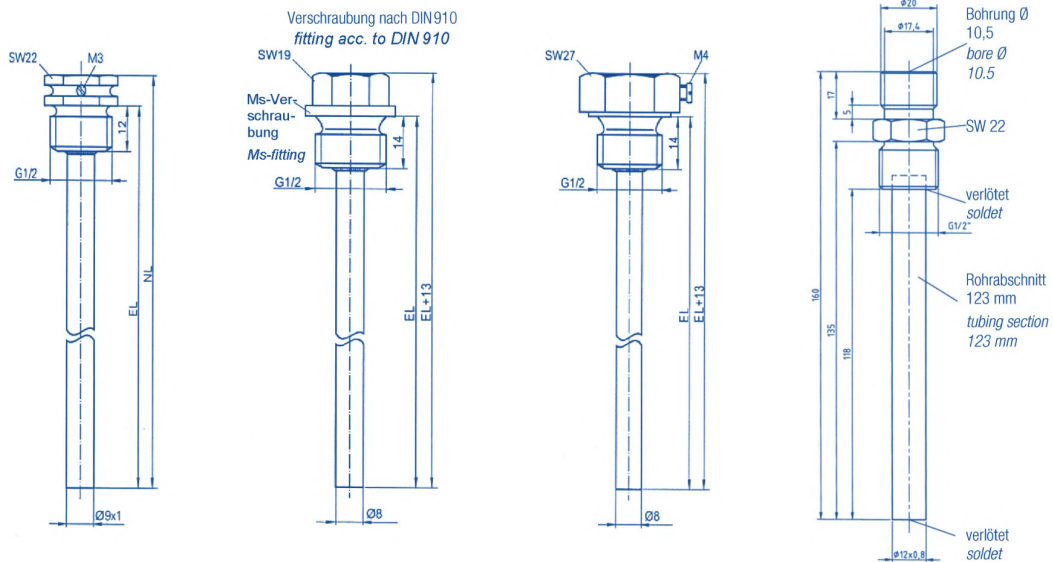
Mounting clamps DBZ-05



Mounting flange MF



Immersion sleeves TH for screw-in temperature probes



Messing vernickelt
Brass nickel-plated

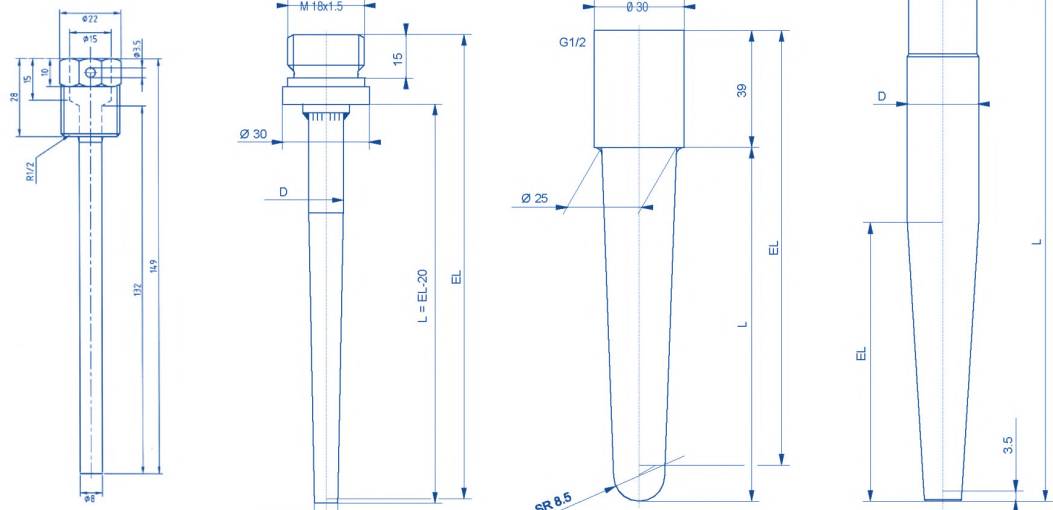
EL	50	100	135	150
NL	58	108	143	158

Maße / dimensions in mm

Messing vernickelt
Brass nickel-plated

Edelstahl
Stainless steel

Messing vernickelt, auch in
VA Edelstahl
Brass nickel-plated,
also in VA stainless steel



Messing vernickelt
Brass nickel-plated

Einschweißhülse Form S
weld-in sleeve form S
mat.-no.1.7380 IST 35.8

Einschweißhülse Form C
weld-in sleeve form C
mat.-no.1.7380

Einschweißhülse Form D
weld-in sleeve form D
mat.-no.1.7380

Hülslenlänge sleeve length	50 mm	100 mm	200 mm	250 mm	300 mm	400 mm
-------------------------------	-------	--------	--------	--------	--------	--------

Andere Gewinde, Längen und Durchmesser sind nach Kundenwunsch möglich.
Other threads, lengths and diameters are possible at request.

Protective tubes

Working temperatures for protective tube materials

Werkstoff Material		Max. Dauerbetriebstemperatur in Luft (in °C) Max. continuous operating temperature in air (in °C)
Name Name	Nr. No.	
X 6 Cr Ni Ti 18-10	14.541	+800
X 6 Cr Ni Mo Ti 17-12-2	14.571	+800
X 10 CrAl 24	14.762	+1200
X 18 CrNi 28	14.749	+1200
X 15 Cr Ni Si 25-20	14.841	+1200
Inconel 600	24.816	+1100
Keramische Schutzrohre: Ceramic protective tubes		
C 530		+1500
C 610		+1500
C 799		+1800

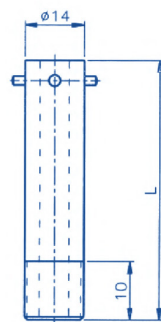
Thread nipple

Standard

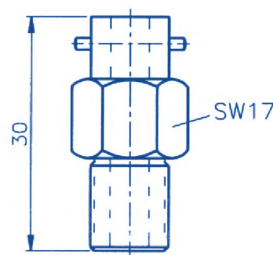
Schaft:
Ø 14 mm
Ø 12 mm
Gewinde:
nach Auftrag

Standard

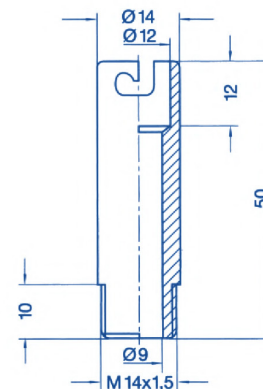
shank diameter:
14 mm
12 mm
thread:
acc. to order



Gewindenippel zylindrisch für
Bajonett-Kappe
Cylindrical thread nipple for
bayonet-cap

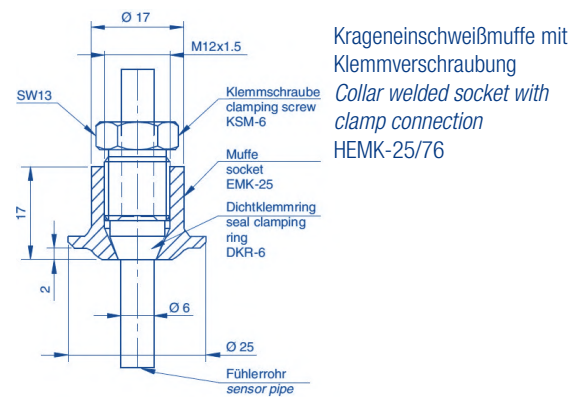
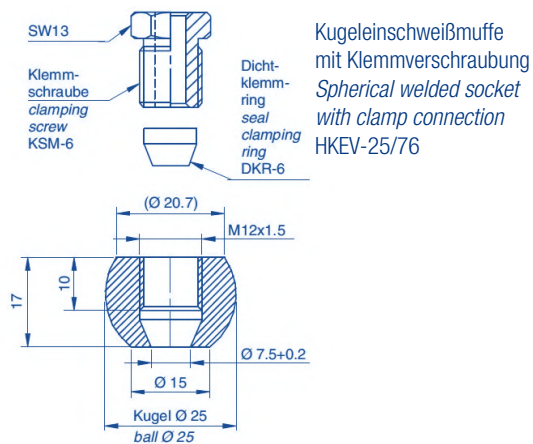
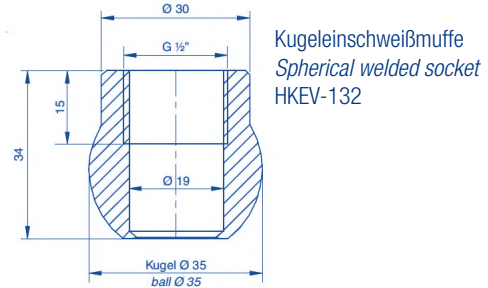
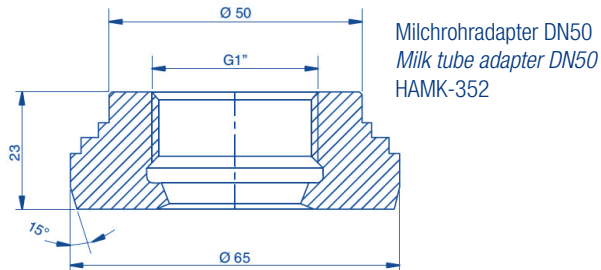


Gewindenippel mit Schlüsselweite für
Bajonett-Kappe
Thread nipple with wrench size for
bayonet-cap



Einschraubnippel
Screw-in nipples

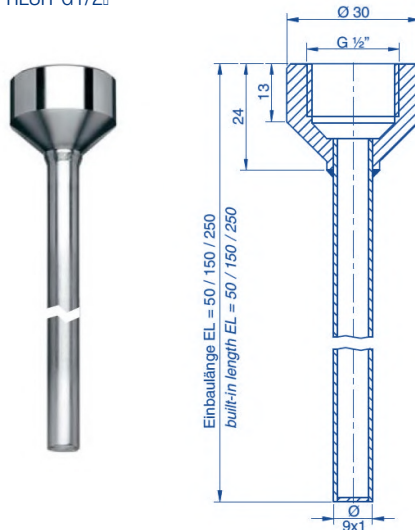
Welded sockets



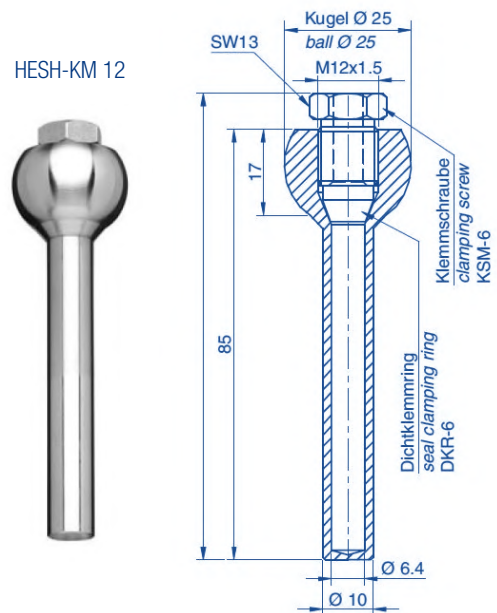
Einschweißhülsen

Weld-in sleeves

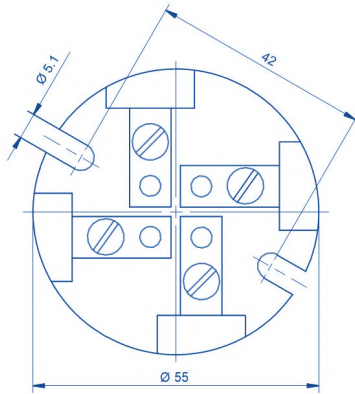
HESH-G1/2



HESH-KM 12



Terminal blocks

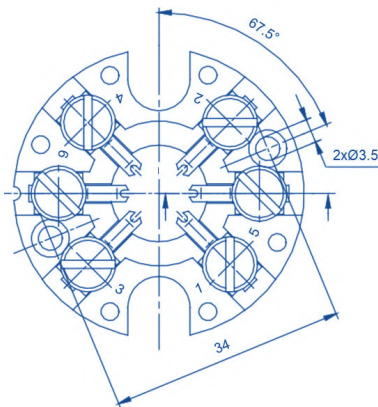


Anschlussockel mit Schrauben und Dichtung für Anschlussköpfe Form A

- Anschlussockel für Thermoelemente
- Anzahl der Anschlüsse: 2 / 4

Terminal blocks with screws and seal for connection heads form A

- Terminal block for thermocouples
- Number of terminals: 2 / 4

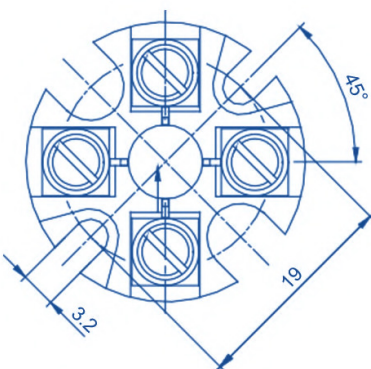


Anschlussockel für Anschlussköpfe Form B, BBK, BUZ und BUZH

- Anschlussockel für Thermoelemente und Widerstandsthermometer
- Anzahl der Anschlüsse: 2 / 4 / 6

Terminal blocks for connection heads form B, BBK, BUZ and BUZH

- Terminal block for thermocouples and resistance thermometers
- Number of terminals: 2 / 4 / 6



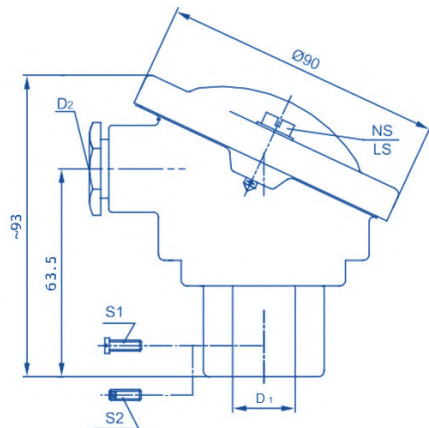
Anschlussockel für Anschlussköpfe Form J

- Anschlussockel für Thermoelemente und Widerstandsthermometer
- Anzahl der Anschlüsse: 2 / 4

Terminal blocks for connection heads form J

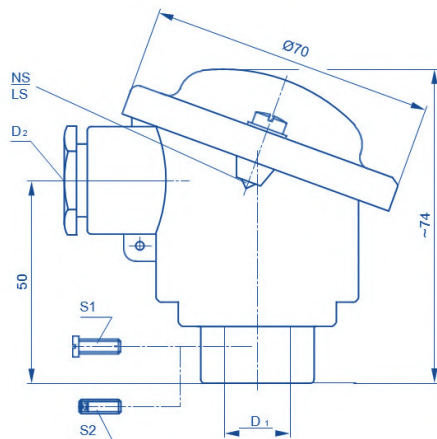
- Terminal blocks for thermocouples and resistance thermometers
- Number of terminals: 2 / 4

CONNECTION HEADS FOR RESISTANCE THERMOMETERS AND THERMOCOUPLES



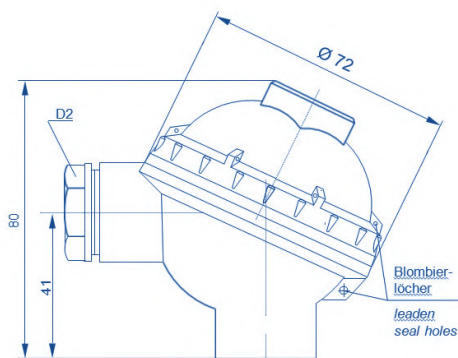
CONNECTION HEAD FORM A

- Material: aluminium die-casting
- Cover: with 2 fastening screws
- Temperature range: $-40\text{ °C} \dots +100\text{ °C}$
- Protective tube connection:
 - $\varnothing = 32,5; L = 20$
 - $\varnothing = 22,5; L = 20$
 (connection dimensions in mm acc. to DIN 43 729)
- Protection class: IP 54 (for protective tube connection with flat bore)



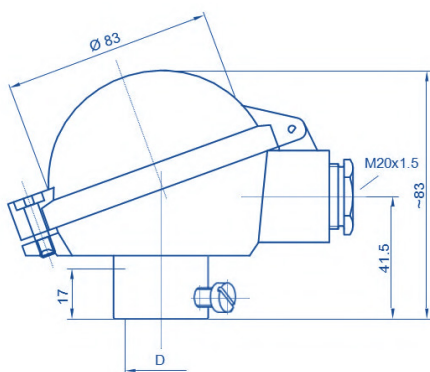
CONNECTION HEAD FORM B

- Material: aluminium die-casting
- Cover: with 2 fastening screws
- Temperature range:
 - $-40\text{ °C} \dots +100\text{ °C}$
 - $-40\text{ °C} \dots +155\text{ °C}$ with silicone seal
- Protective tube connection:
 - $\varnothing = 15,5\text{ mm M24x1,5}$
 (connection dimensions acc. to DIN 43 729)
- Protection class: IP 54 (for protective tube connection with flat bore)



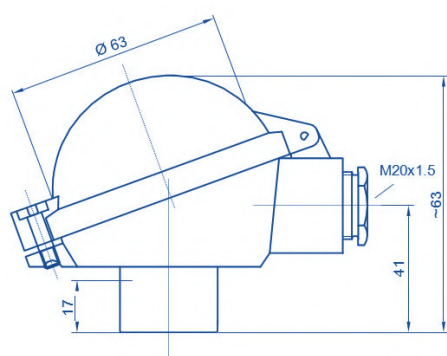
CONNECTION HEAD FORM NS

- Material: plastics (PA, PP, PPO)
- Cover: with screw closure
- Temperature range:
 - PA = $\dots +80\text{ °C}$, PP = $\dots +92\text{ °C}$, PPO = $\dots +130\text{ °C}$
- Protective tube connection:
 - M24x1.5 (connection dimensions acc. to DIN 43 729 43 729)
- Protection class: IP 65 (for protective tube connection with thread)



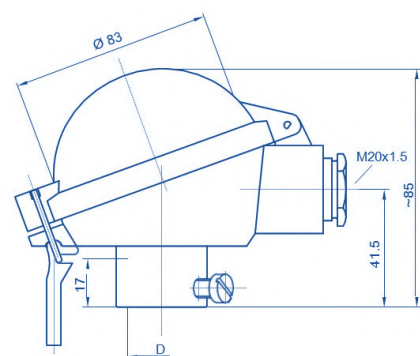
CONNECTION HEAD FORM BUZ

- Material: aluminium die-casting
- Cover: flap cover with screw closure
- Temperature range:
 - 40 °C ... +100 °C
 - 40 °C ... +155 °C
 with silicone seal
- Protective tube connection:
 - Ø = 22.3 mm M24x1.5
 - (connection dimensions acc. to DIN 43 729)
- Protection class:
 - IP 65 (for protective tube connection with thread)
 - IP 54 (for protective tube connection with flat bore)



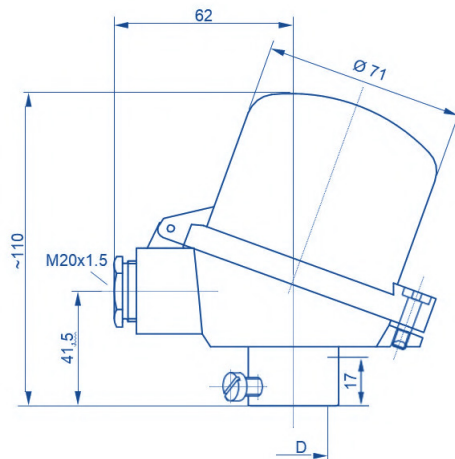
CONNECTION HEAD FORM BUZ (NA)

- Material: aluminium die-casting
- Cover: flap cover with screw closure
- Temperature range:
 - 40 °C ... +100 °C
 - 40 °C ... +150 °C
 with silicone seal
- Protective tube connection:
 - M24x1.5 (connection dimensions acc. to DIN 43 729)
- Protection class: IP 65 (for protective tube connection with thread)



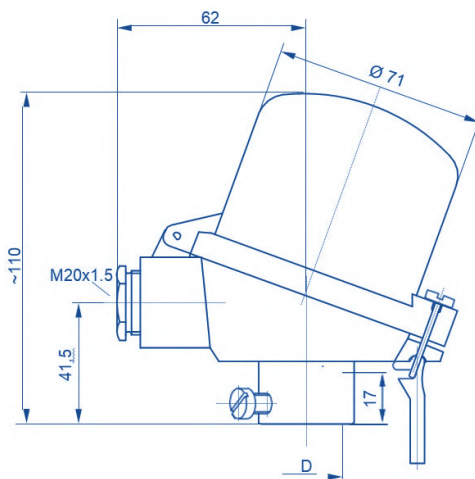
CONNECTION HEAD FORM BUS

- Material: aluminium die-casting
- Cover: flap cover with bracket
- Temperature range:
 - 40 °C ... +100 °C,
 - 40 °C ... +155 °C
 with silicone seal
- Protective tube connection:
 - Ø = 22.3 mm M24x1.5 (connection dimensions acc. to DIN 43 729)
- Protection class:
 - IP 65 (for protective tube connection with thread)
 - IP 54 (for protective tube connection with flat bore)



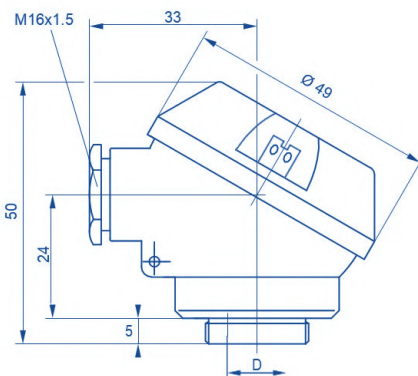
CONNECTION HEAD FORM BUZH

- Material: aluminium die-casting
- Cover: with 2 fastening screws
- Temperature range:
 - 40 °C ... +100 °C
 - 40 °C ... +155 °C
- with silicone seal
- Protective tube connection:
 - Ø = 22.3 M24x1.5
 - (connection dimensions in mm acc. to DIN 43 729)
- Protection class:
 - IP 54 (for protective tube connection with flat bore)
 - IP 65 (for protective tube connection with thread)



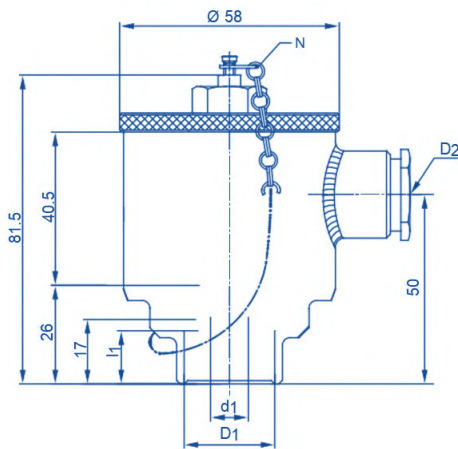
CONNECTION HEAD FORM BUZ (NA)

- Material: aluminium die-casting
- Cover: high flap cover with bracket
- Temperature range:
 - 40 °C ... +100 °C
 - 40 °C ... +155 °C
- with silicone seal
- Protective tube connection:
 - Ø = 22.3 mm M24x1.5
 - (connection dimensions acc. to DIN 43 729)
- Protection class:
 - IP 65 (for protective tube connection with thread)
 - IP 54 (for protective tube connection with flat bore)



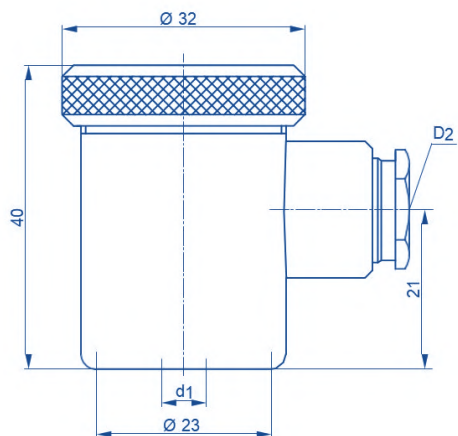
CONNECTION HEAD FORM J

- Material: aluminium die-casting
- Cover: with 2 fastening screws
- Temperature range:
 - 40 °C ... +100 °C
- Protective tube connection:
 - M10x1 inside / M20x0.75 outside
- Protection class: IP 65



CONNECTION HEAD FORM BEG

- Material: stainless steel 1.4541 (N)
- Temperature range:
-40 °C ... +100 °C
-40 °C ... +150 °C
with silicone seal
- Protective tube connection: M24x1.5
- Protection class: IP 65



CONNECTION HEAD FORM SMG

- Material: brass CuZn39Pb2
- Temperature range:
-40 °C ... +100 °C
-40 °C ... +150 °C
with silicone seal
- Protective tube connection: M10x1
- Protection class: IP 54

HEAD-MOUNTED TRANSMITTERS

PARAMETERS

Clamping type: screw terminals
 Potting compound: polyurethane, black
 Humidity: <95 %
 Vibration: 5 g / 10 ... 200 Hz
 Output: 4 ... 20 mA current loop
 Loop voltage: 10 ... 35 VDC, inverse polarity proof
 Perm. residual ripple: <10 %
 Linearity error: <0.1 % FS
 Response time: <0.1 s
 TK: <100 ppm / °C
 Operating temperature range: -25 ... + 85 °C
 Short circuit: <4 mA
 Sensor off: >20 mA

LKM103 ANALOG TRANSMITTERS FOR MOUNTING IN B-HEAD

Dimensions: 44 x 26,5 mm (DxH)
 Clamping range: 0.13 ... 1.5 mm²
 Weight: 30 g
 Input: Pt 100 / Pt 1000, 2-/3-wire circuit
 Measurement current: 0.8 ... 1 mA*
 Zero point: -200 ... +600 °C
 Range: +20 ... +850 °C



LKM110 ANALOG TRANSMITTERS FOR MOUNTING IN B-HEADF

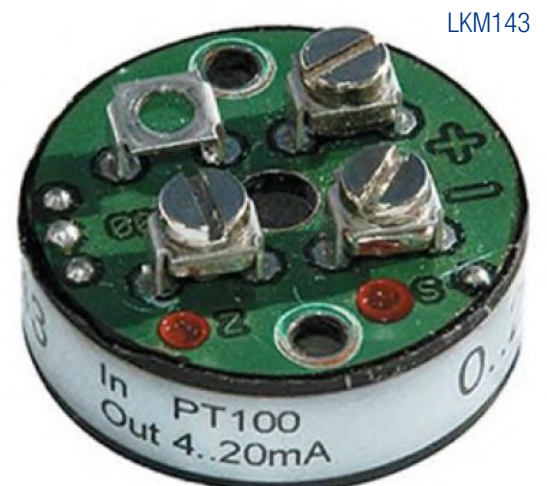
Dimensions: 44 x 26,5 mm (DxH)
 Clamping range: 0.13 ... 1.5 mm²
 Weight: 30 g
 Input: Pt 100, 2-/3-wire circuit
 Measurement current: max. 0.7 mA
 Zero point: -100 ... +100 °C
 Range: +20 ... +950 °C



LKM143 ANALOG TRANSMITTERS FOR MOUNTING IN J-HEAD

Dimensions: 25 x 15 mm (DxH)
 Clamping range: 0.13 ... 0.75 mm²
 Weight: 10 g
 Input: Pt 100 / Pt 1000, 2-/3-wire circuit
 Measurement current: 0.8 ... 1 mA*
 Zero point: -200 ... +600 °C
 Range: +20 ... +850 °C

*depending on RTD





ELVARME

VORES PRODUKTSORTIMENT INKLUDERER:



MODSTANDSFØLERE



THERMAL DEVICES



HBD



STOPGEL



GENNEMSTRØM KUNDEDESIGN



TEMPERATURFØLERE

VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



AUTOMATIK



**HVAC & BYGNINGS-
AUTOMATIK**



KØLEPROFILER

NEWTRONIC

Ove Jensens Alle 35 F
DK-8700 Horsens
Denmark
www.newtronic.eu
www.newtronic.dk
+45 7669 7090