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VERTRAULICHE UNVEROEFFENTLICHTE ZEICHNUNG
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RELEASED FOR PUBLICATION ,1997
FREI FUER VEROEFFENTLICHUNG

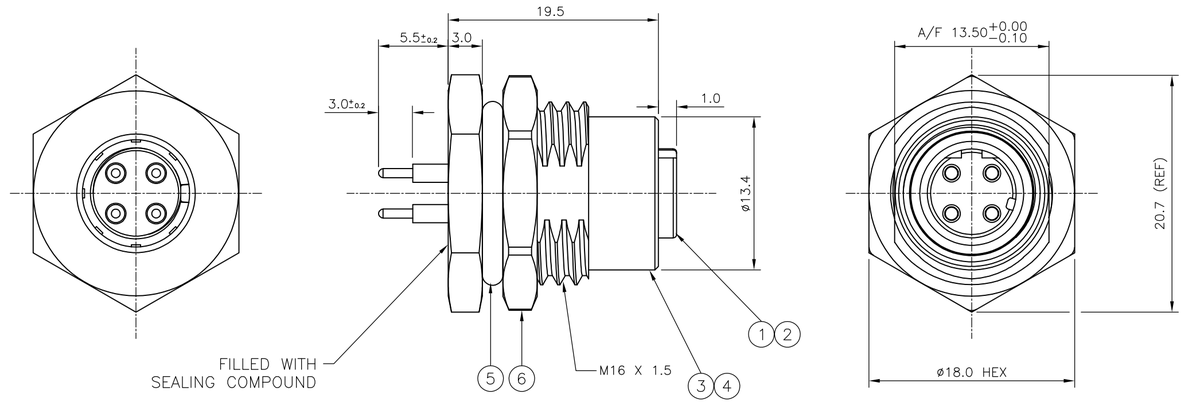
MATED WITH:
PASSEND ZU:
–

LOC	DIST
A1	–

PROJEKT NR.: –

REVISIONS
AENDERUNGEN

P	LTR	DESCRIPTION BESCHREIBUNG	DATE	DWN	APVD
	A1	NEW-DRAWN	05.11.08	GW	ST



ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QUANTITY / ITEM −1	−2	−3	−4
1	CONNECTOR HOUSING	GF NYLON	BLACK	1	1	1	1
2	SOCKET CONTACT	BRASS	0.15µm GOLD OVER NICKEL	3	4	5	8
3	CONNECTOR BODY	ZINC DIE CAST	2.5µm NICKEL PLATED	1	1	1	1
4	'O' RING	VITON	GREEN	1	1	1	1
5	'O' RING	EPDM	BLACK	1	1	1	1
6	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1	1	1	1

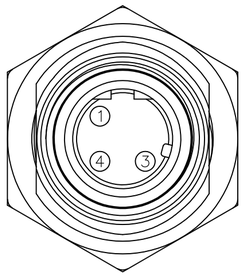
NOTES:

1. ELECTRICAL DATA:
   CONTACT RESISTANCE: 10 mOhm MAX
   INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
   CURRENT RATING:
   5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITION ONLY)
   BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE

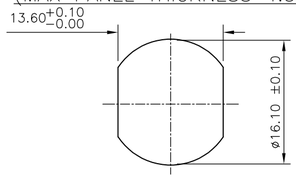
2. ENVIRONMENTAL:
   OPERATING TEMPERATURE: −25°C TO +90°C
   SEALING REQUIREMENTS: IP68

0-1

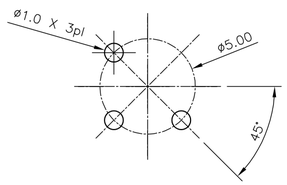
PIN ASSIGNMENTS
FRONT VIEW



RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



RECOMMENDED
PCB LAYOUT



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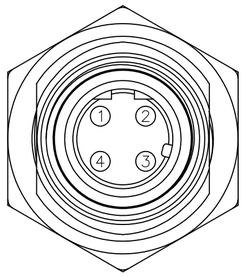
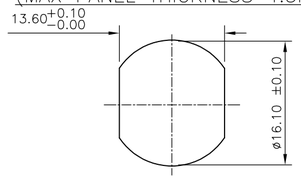
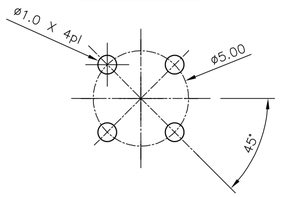
PIN ASSIGNMENTS
FRONT VIEW



RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



RECOMMENDED
PCB LAYOUT



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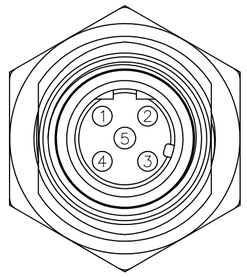
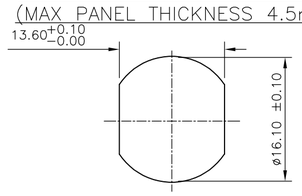
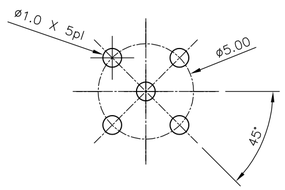
PIN ASSIGNMENTS
FRONT VIEW



RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



RECOMMENDED
PCB LAYOUT



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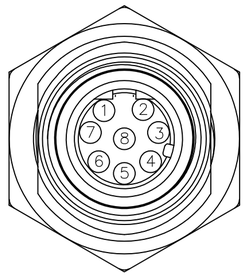
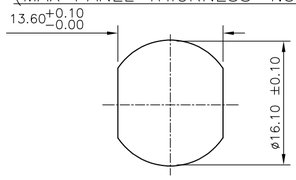
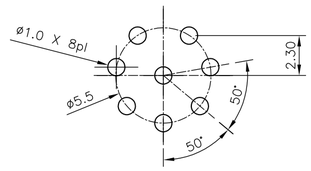
PIN ASSIGNMENTS
FRONT VIEW



RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



RECOMMENDED
PCB LAYOUT



DESCRIPTION	NO. OF POS	PART NUMBER
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	8	0-4
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	5	0-3
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	4	0-2
M12 METAL FEMALE PANEL MOUNT CONNECTOR, PCB, STRAIGHT, FRONT (HEXAGONAL) MOUNTING	3	0-1

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IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.
DIESES ZEICHNUNGSDOKUMENT WIRD DURCH AMP INCORPORATED KONTROLLIERT. AENDERUNGEN, DIE DEM TECHNISCHEN FORTSCHRITT DIENEN, SIND VORBEHALTEN. DEN JEWEILS LETZTGUELTIGEN AENDERUNGSSTAND ERFAHREN SIE AUF ANFRAGE.

DIMENSIONS: DIMENSIONEN: –

TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN
n. ISO 8015
n. ISO 2768 – mH –E
n. DIN 16901 – 140
0 PLC #ZMI
1 PLC #ZMA
2 PLC #ZT2
3 PLC #ZT3
ANGLES / WINKEL #–

MATERIAL –

FINISH / OBERFLAECHE/FARBE –

DWN G.WROBLEWSKI 05.11.08
CHK T.SCHNURPFEIL 05.11.08
APVD T.SCHNURPFEIL ZAD
PRODUCT SPEC PRODUKTSPEZ. 108-3641
APPLICATION SPEC –
WEIGHT GEWICHT –

HTS Elektrotechnik
53819 Neunkirchen, Germany

NAME
M12,METEAL-FEMALE-PANEL-MOUNT CONNECTOR

SIZE	CAGE CODE	DRAWING NO ZEICHNUNGS-NR.	RESTRICTED TO NUR FUER
A2	00779	C-1991135	–

– /KUNDENZEICHNUNG MASSSTAB NTS BLATT 1 OF VON 1 REV A1

AMP 1471-9 REV 27JUN96

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