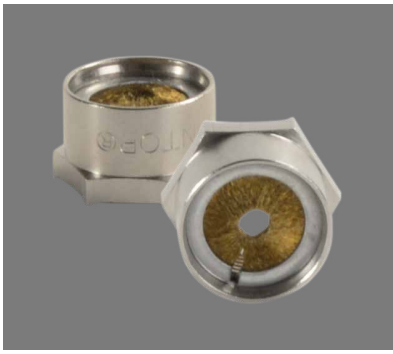
FIPSHIELD®

FRÄNKISCHE
INDUSTRIAL PIPES

ENTBN-M-C

六角锁紧螺母, 铜镀镍, 公制, EMC-铜刷式

Locknut hexagon, brass nickel-plated, metric, EMC-Brush



CE RoHS

+200°C
–60°C
+392°F
–76°F

适用于FIPLOCK® ONE
金属公制螺纹接头

Suitable to our FIPLOCK® ONE fitting with metric metal thread

材料:铜镀镍, 铜刷式

FIPSHIELD® ENTBN-M-C由黄铜镀镍材质制成, 公制六角头螺母。集成 了可用于线缆线束*EMC* 电磁屏蔽的铜刷。产品端部带尖刺, 在锁紧螺母的时候可划破安装箱体表面的绝缘层或喷漆层从而确保足够的接触。这款EMC螺母也可用于塑料螺纹接头。

Material: Brass nickel-plated, copper contact brush

FIPSHIELD® ENTBN-M-C is a metric hexagon lock nut made of nickel-plated brass with integrated EMC shield contact on screening braids applied to cables and wires. The cutting edges towards the housing or panel ensure the necessary electrical contact even if the metal surface has an insulating anodized, painted or powder-coated layer. The cutting edges cut through the insulating layer when tightening and ensure secure contact. These EMC adapters can also be used with plastic thread fittings.

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产品性能 / *Product performances*

应用性能 / ***Application performances***	特性 ***Characteristics***	单位 ***Unit***	标准，规范 ***Standards, specifications***	备注 ***Remark***
温度范围 *Temperature range*	–60 到 / *to* +200 –76 到 / *to* +392	°C °F	IS FIP	

测试条件参照EN ISO 139温度23°C, 湿度 50% (如未注明测试条件)。IS FIP = FIP内部测试规范。
Tests carried out acc. EN ISO 139 at 23°C / 50% r. h. (if not indicated different). IS FIP = Internal Specification FIP

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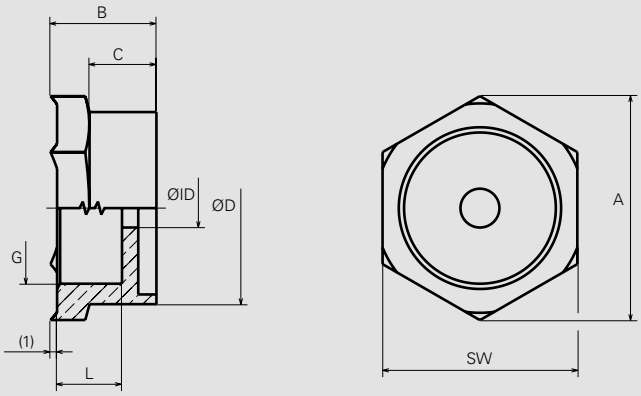
产品号 ***Part No.***	螺纹尺寸 **G** ***Thread size G***	尺寸 **(nom.)** ***Dimensions in mm (nom.)***						重量 ***Weight per piece***	包装单元 ***PU***
	mm	L	Ø ID	SW	A	B	C	g	个 / ***Pcs***
ENTBN-M12-C	M12x1,5	10,0	min 4,0	24	27,7	16,3	11,3	23,5	10
ENTBN-M16-C	M16x1,5	10,0	min 4,0	24	27,7	16,3	11,3	23,5	10
ENTBN-M20-C	M20x1,5	10,0	min 4,0	24	27,7	16,3	11,3	23,5	10
ENTBN-M25-C	M25x1,5	10,0	min 5,0	30	34,6	16,3	10,3	29,7	10
ENTBN-M32-C	M32x1,5	12,0	min 6,0	39	45,0	18,5	12,5	38,0	6
ENTBN-M40-C	M40x1,5	12,0	min 10,0	47	54,2	18,5	11,5	46,7	6
ENTBN-M50-C	M50x1,5	12,0	min 12,0	56	64,6	18,7	11,7	55,8	4
ENTBN-M63-C	M63x1,5	12,0	min 16,0	66	76,2	21,0	14,0	65,8	4

关于产品库存, 交期, 尺寸及颜色等问题请联系我们本地的经销商或客服。
Please contact our local distribution partner or our customer service regarding product availability, lead time, other sizes and colours.

产品代码 / ***Number code:***

材料类型 / *Material type*
螺纹尺寸 / *Thread size*
类型 / *Modification*

ENTBN - M12 - EMV



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CN/E.3450/5.05.20 FIP | 如有更改, 恕不另行通知 / *Subject to change without notice*

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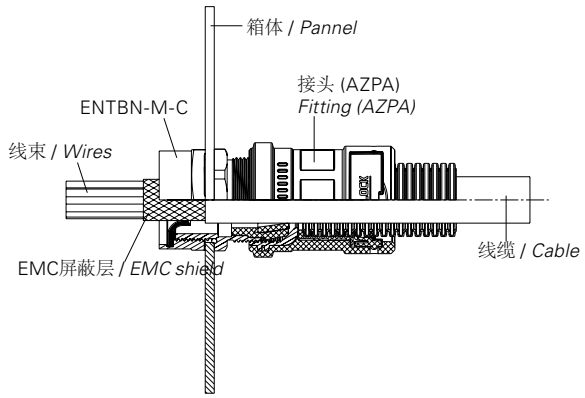
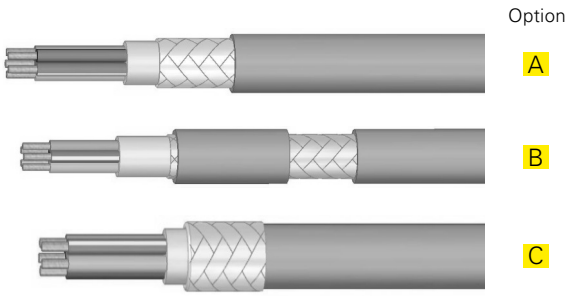
安装说明FIPSHIELD® 带铜刷的EMC锁紧螺母
Assembly instruction FIPSHIELD® locknut with EMC contact BRUSH

安装 / *Assembly*



1. 将FIPSHIELD® ENTBN-M-C拧入接头/葛兰头直到接触到箱体。
   Screw FIPSHIELD® ENTBN-M-C on fitting/gland thread until contact with pannel consists.
2. 安装线缆 (线缆屏蔽段安装在铜刷接触点位置)。
   Apply cable (dismantled in the contact area).
3. 锁紧。
   Tighten cap nut.

线缆准备 / *Preparing of the cable*



A 从线缆端部剥离外皮露出屏蔽层。
Remove the cable sheath from the end section of screen braiding.

B 从线缆中部剥离一段外皮露出屏蔽层。
Remove a segment of cable sheath at the contact area.

C 将屏蔽层翻起拉到线缆外皮上。
Pull the fringe section of screen braiding over the cable sheath.

技术表 / *Technical table:*

	ENTBN-M-C锁紧扭力 / *Tightening torque for ENTBN-M-C*	
螺纹尺寸 / *Thread*	塑料螺纹接头最大安装扭矩 *for plastic thread fitting*	金属螺纹接头最大安装扭矩 *for metal thread fitting/gland*
M12x1,5mm	2 Nm	8 Nm
M16x1,5mm	4 Nm	10 Nm
M20x1,5mm	6 Nm	12 Nm
M25x1,5mm	8 Nm	12 Nm
M32x1,5mm	10 Nm	18 Nm
M40x1,5mm	12 Nm	18 Nm
M50x1,5mm	13 Nm	20 Nm
M63x1,5mm	13 Nm	20 Nm

温度范围 / *Temperature range:*

ENTBN-M-C: –70°C 到 + 200°C / *–70°C up to 200°C*

注意 / *Note:*

铜刷仅用于EMC电磁屏蔽的目的。它不能用于电位平衡。

The BRUSH is to be used only for EMC purposes. It is strictly forbidden to use the BRUSH as a potential equalisation.