

## NKPA

### 边缘保护螺母

### Edge protection nut

+120°C +248°F  
-50°C -58°F

Material: PA6 MOD V0 SGA



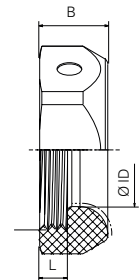
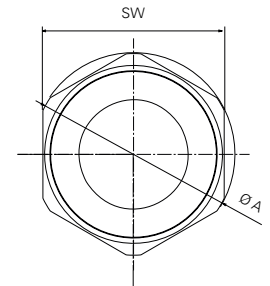
- 螺纹边缘防护螺母, 适用于FIPLOCK® ONE接头
- 在高震动场合或在线缆弯曲半径较小时保护线缆绝缘层不被磨损
- edge protection nut metric for FIPLOCK® ONE fittings
- offers protection at heavy vibrations regarding abrasion of conductor insulations as well as for application of wires with tight bend-off radius

温度范围 / Temperature range  
UV-防护 / UV protection  
低温性能 / Cold environment performance  
机械强度 / Mechanical strength

min.		max.	
■	■	■	■
■	■	■	■
■	■	■	■
■	■	■	■



产品号 Part No. <sup>1)</sup>		螺纹尺寸 Thread size	尺寸 Dimensions in mm					重量 Weight	包装单元 PU
黑色 / black	灰色 / grey		L	Ø A	B	ID	SW	g	↑ / Pcs
NKPA-M16B	NKPA-M16G	M16	4,5	21,0	10,5	9,4	18,8	2,0	10
NKPA-M20B	NKPA-M20G	M20	4,5	26,0	10,5	13,5	23,8	2,9	10
NKPA-M25B	NKPA-M25G	M25	4,5	33,0	11,0	18,0	29,7	4,6	10
NKPA-M32B	NKPA-M32G	M32	5,0	39,0	12,0	24,0	35,7	6,3	6
NKPA-M40B	NKPA-M40G	M40	5,0	50,0	12,5	32,0	45,7	10,5	6



您可以通过以下地址查询更多的技术信息 / You can find more technical information here

CADENAS – 产品CAD数据目录 / eCATALOG solutions electronic CAD catalog: <https://fraenkische-ip.partcommunity.com>

<sup>1)</sup> FIPLOCK® 附件编码规则 / Part numbering key for FIPLOCK® accessories: [www.fraenkische-ip.com/fiplock-accsy-part-no](http://www.fraenkische-ip.com/fiplock-accsy-part-no)



应用性能 Application performances	特性 Characteristics	单位 Unit	规范标准 Standards, specifications	备注 Remark
温度范围 / Temperature range	-50 到 / to +120 -58 到 / to +248	°C °F	IS FIP	
温度 (短周期) / Temperatur (short-term)	150 (500 h); 160 (100 h) 302 (500 h); 320 (100 h)	°C °F	IS FIP	
<b>材料性能 / Material performances</b>				
缺口冲击测试 / Notched bar impact test	7 – 25	kJ/m²	ISO 180	
<b>系统密封性能 / System tightness</b>				
IP 等级 / IP rating	IP66/IP67/IP68/IP69 (IP69K)		IEC EN 60529	
<b>防火性能 / Fire safety performances</b>				
不含卤素和镉 Free from halogens and cadmium	是 / yes		DIN EN IEC 63355:2023-08	
阻燃等级 / Fire classification	V0		UL 94	
产品防火特性 / Fire characteristic	自熄 self-extinguishing		UL 1696	
氧指数 / Oxygen index	>32	%	EN ISO 4589-2	
灼热丝测试 / Glow wire test	960 / 1760	°C / °F	IEC 60695	
火灾危害等级 / Fire hazardous level	HL3 R22 / HL3 R23		EN45545-2	
火焰蔓延指数 / Flame spread index	符合 / compliant		ASTM E162	参照 NFPA 130 / acc. NFPA 130
烟雾浓度 / Smoke density	符合 / compliant		ASTM E662	参照 NFPA 130 / acc. NFPA 130
烟雾毒性 / Smoke toxicity	符合 / compliant		BSS 7239 / SMP 800-C	
热释放量 (焓) / Heat release (Enthalpy)	19,4 (8265)	MJ/kg (BTU/lb)	ASTM E1354	50 kW/m² 热通量 / heat flux
火焰蔓延 / Spread of fire	非火焰蔓延 non flame propagating		IEC EN 61386	
<b>耐候性 / Weathering performances</b>				
UV及耐候性 UV and weathering performance	优异 excellent		IS FIP	可达40年 up to 40 years

测试条件参照EN ISO 139，温度 23°C / 湿度50% r. h. (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 differently). IS FIP = Internal Specification FIP

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