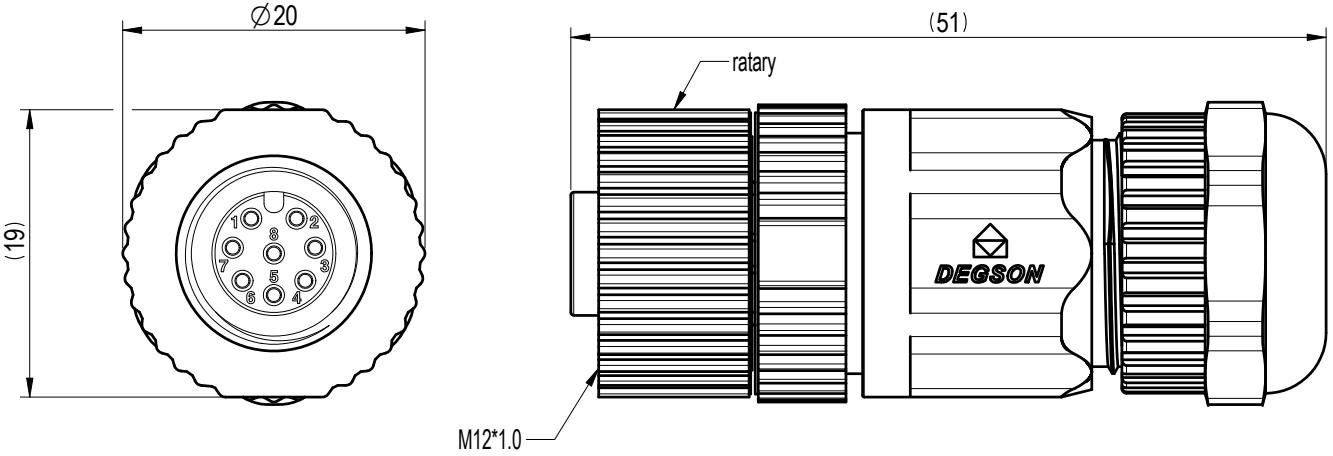
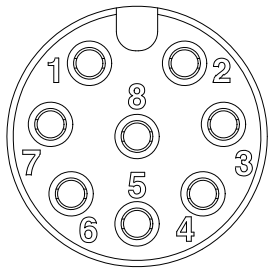
技术要求/Technical requirements:	
额定电压电流/Rated Voltage/Current	30V / 2A
绝缘电阻/Insulate Resistance	≥100MΩ
接触电阻/Contact resistance(mΩ)	≤5mΩ
螺丝扭力/Torque value	M1.6×0.35, 1.5kgf.cm
线径/Wire range(AWG/mm²)	24~22/0.25~0.34
线缆外径/Cable OD	4~8mm
耐压/Withstanding Voltage	500V AC 1min
防护等级/Ingress Protection	IP67
插拔寿命/Insertion/Pullout Times	100
使用温度范围/Operating temperature(°C)	-25~+105
重点管控符号/Key controlled symbol	*





Pin Assignment
Front View

图纸版本	ECN	变更描述	设计人	设计日期
REV	ECN	DESCRIPTION	DRFT	DATE

DEGSON

APPD:	SYZ	2025-06-13
CHKD:	SYZ	2025-06-13
DRFT:	Wangnian	2025-06-13

A4 mm (inch)

MATERIAL: 材质 | General tolerances(mm):ISO 2768-mK

MAT NO./REV: 物料编码 / 版本 | MAT STATUS: 物料状态

NAME: PA-M12A-08P-FF-SL7001-00Z(H)

DRAWING NO.	TYPE	DRAWING STATUS	SCALE	SHEET
图号	图纸类型	图纸状态	2:1	1/1

Transfer or duplication of this document as well as the utilization or communication of its contents are prohibited unless explicit authorization is granted. Violations will be liable for compensation. All rights reserved for patent, utility model or designs registrations. 除非经书面授权，否则禁止转让、复制、利用、交流本文件的内容，侵犯者将负赔偿责任。本公司保留对涉及发明、实用新型和外观专利的所有权利。