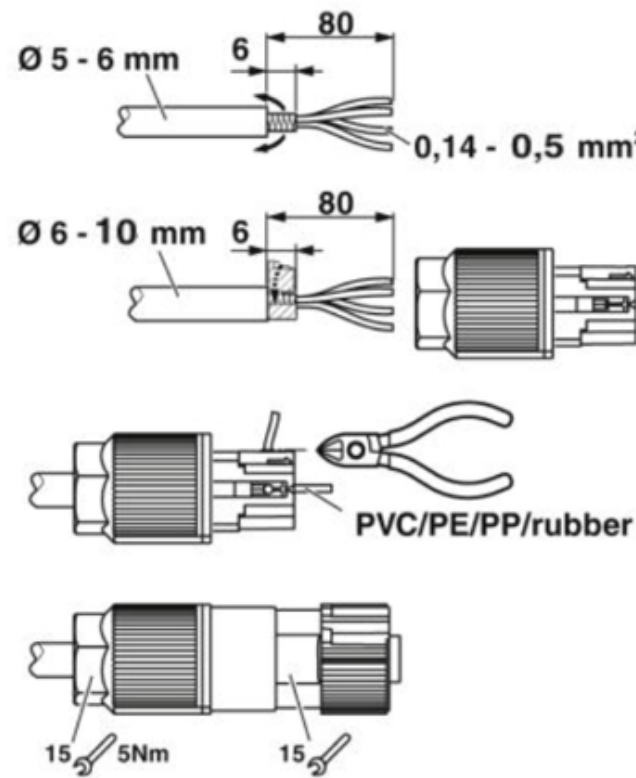
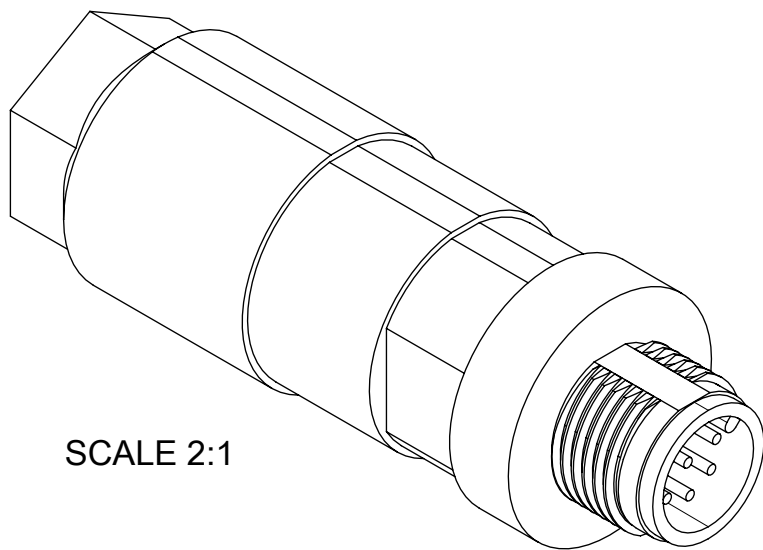
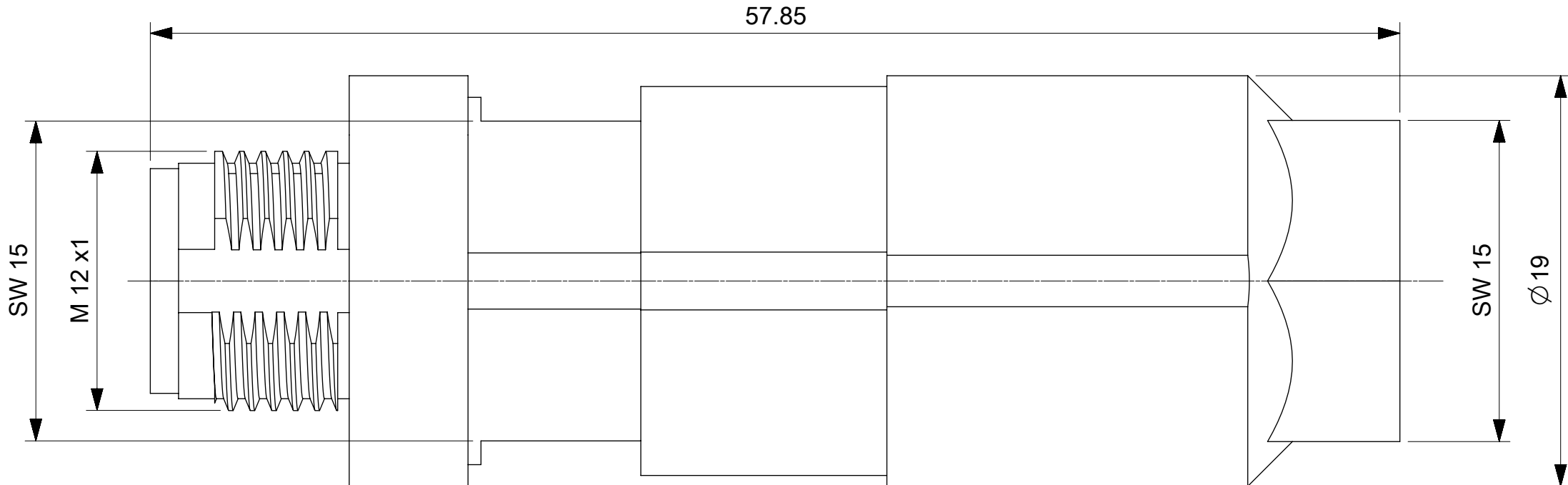
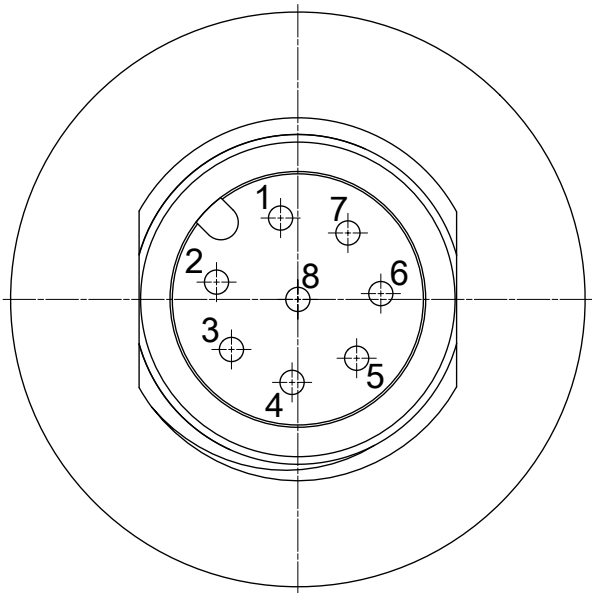




NOTES:

Ambient temperature (operation):
-40 °C ... 85 °C (Plug / socket)
Degree of protection: IP67
General:
Rated current at 40°C: 2 A
Rated voltage: 30 V
Number of poles: 8
Connection method:

Insulation displacement connection

Conductor cross section: 0.14 mm² ... 0.5 mm²
Wire diameter including insulation: 0.75 mm ... 2 mm
Cable outer diamter: 5mm...10mm

Contact material: CuSn
Contact surface material: Ni/Au
Housing material: Zinc die-cast, nickel-plated / M12 Thread surface Tin plated

ENG.-No.: 8A8S06-53

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED AS PER PCN-515004			molex FA M12 8P AC MA STR IDC SHLD							
	mm		4:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES							EC NO: 788234							
	3 PLACES				DRWN: AKABADI 2024/06/04										
	2 PLACES		± 0.05		CHK'D: RSILLER 2024/06/05										
	1 PLACE		± 0.3		APPR: RSILLER 2024/06/05										
	0 PLACES		± 0.5		INITIAL REVISION:			DOCUMENT NUMBER							
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120071		1200710090		GENERAL MARKET		1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2024/06/05	12:53:21
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