

MODCON® PREMIUM PLUG SERIES



INELCO®
THE DISTINCTION



0316

INELCO's modcon[®] modular connectors are a part of one of the most advanced connector series on the market, with one of the broadest range of products. INELCO's modcon[®] modular connectors are widely used in various applications. The modcon[®] modular PREMIUM plug series, with **ADVANCED ALIGNMENT TECHNOLOGY**, is a forward thinking development of a building block system for modular plugs, to be used for industrial and office environments.



	CATEGORY	WIRE MAN. BAR CONDUCTOR OD			CABLE OD	CAT6 _A - AAT ALIGNER	ANGLED LATCH STYLE	STRAIGHT LATCH STYLE	HOOD
		0,8	1,0	1,15					
	CAT5e	✓	✓	✓	max. 6,5mm	—	✓	—	 CABLE O.D. < 6,5MM; PC
	Profinet 100M	—	✓	—		—	✓	—	
	CAT6	✓	✓	✓		—	✓	—	
	CAT6 _A	✓	✓	✓		✓	✓	—	
	CAT5e	✓	✓	✓	max. 6,5mm max. 9,0mm	—	✓	✓	
	Profinet 100M	✓	✓	✓		—	✓	✓	
	CAT6	✓	✓	✓		—	✓	✓	
	CAT6 _A	✓	✓	✓		✓	✓	✓	
	Profinet 100M	W/O WIRE MB - 1,35/1,60 			max. 9,0mm	—	✓	✓	
	Profinet 1Gig	W/O WIRE MB - 1,60 				max. 9,0mm	—	—	

Technical Spec.:

Insulation Resistance: 1.000 MΩ
 Contact Resistance: 10mΩ
 Current/Voltage: 30V AC / 42V DC at 1,5A
 Withstanding Voltage: 1.000 V AC/min
 Durability: 1.000 ... 2.500 Mating Cycles
 Selective Gold Plating: 30 " or 50 "
 Contacts: Phosphor Bronze w Au Plating on Ni
 Housing: Polycarbonate UL94-V0 / UL94-V2
 Operation Temperature: -40°C +70C
PLUG COMPLIES WITH F.C.C. REQUIREMENTS
 Conform to ANSI/TIA/EIA-568-B.2-10,
 ISO/IEC11801 and CENELEC EN50173 for Category 6_A/Class EA

Key Features:

- ➔ Excellent electrical performance
- ➔ Single-Step termination process – shield and contacts are crimped in 1 operation
- ➔ 360 degree shield termination
- ➔ Direct shield connection from cable to connector
- ➔ Management bar for ease of assembly
- ➔ Smooth gold plated contacts
- ➔ Contact design which allows solid or stranded conductor termination
- ➔ slim design for use in high density applications
- ➔ capability for field termination
- ➔ hoods and color key rings in various colors

PART NUMBERS: PX8CYZ-(G)-(W)

X = U(unshielded) / S(shielded)
 C = Number of Contact
 Y = IND(Industrial/Profinet) / E5 (CAT5e) / C6 (CAT6) / A6 (CAT6 A)
 Z = M (metal wire aligner)/ 1 (angled latch) / 2 (straight latch)
 G = Gold Plating; standard is 30u" - add G50 for 50μ"
 W = wire managing bar; standard is 1,0mm, if other add 08 for 0,8mm DIA or 12 for 1,15 mm DIA

ASSEMBLY TOOLING

