



Pushing Performance
Since 1945

M12-PFT-CRIMP-8P-YCOD-F-SHLD-1.0



Image is for illustration purposes only. Please refer to product description.

Part number	21 43 369 5800
Specification	M12-PFT-CRIMP-8P-YCOD-F-SHLD-1.0
HARTING eCatalogue	https://harting.com/21433695800

Identification

Category	Connectors
Series	Circular connectors M12
Identification	Data Power
Element	Panel feed through
Specification	With conductors for rear mounting

Version

Cable length	1 m
Gender	Female
Shielding	Shielded
Number of contacts	8
Number of data contacts	4
Number of power contacts	4
Coding	Y-coding
Locking type	Screw locking

Technical characteristics

Conductor cross-section [AWG]	AWG 26 Data AWG 20 Power
Rated voltage	50 V AC/DC
Rated impulse voltage	0.8 kV
Pollution degree	3



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Technical characteristics

Rated current (data)	0.5 A
Rated current (power)	6 A
Transmission characteristics	Cat. 5e
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	0.6 Nm 2 Nm Lock nut
Limiting temperature	-25 ... +85 °C
Mating cycles	≥ 100
Degree of protection acc. to IEC 60529	IP67
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

Specifications and approvals

Specifications	IEC 61076-2-113
PROFINET	Yes



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Commercial data

Packaging size	1
Net weight	138.29 g
Country of origin	Germany
European customs tariff number	85444290
GTIN	5713140227866
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology actuator)
UNSPSC 24.0	39121413