

PPv4 2.0 Power 48V/12A 4G1,5qmm HMH 2,0m



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

Part number	33 59 222 0200 012
Specification	PPv4 2.0 Power 48V/12A 4G1,5qmm HMH 2,0m
HARTING eCatalogue	https://harting.com/33592220200012

Identification

Category	System cabling
Series	HARTING PushPull (V4)
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	HARTING PushPull (V4) Power 4 poles
Connector 2	HARTING PushPull (V4) Power 4 poles
Type of cable	Copper cable (round)
Description of the cable	Wiring 1:1

Version

Cable length	2 m
Number of cores	4
Core structure	4G 1.5 mm ²
Termination method	Crimp termination
Shielding	Unshielded
Number of contacts	4
Locking type	PushPull

Technical characteristics

Conductor cross-section	1.5 mm ²
Rated current	12 A
Rated voltage	48 V



Pushing Performance
Since 1945

Technical characteristics

Limiting temperature	-15 ... +70 °C moved -40 ... +70 °C unmoved
Degree of protection acc. to IEC 60529	IP65 IP67
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis 5.72 m/s ² acc. to IEC 61373 Category 1 Class B
Shock resistance	25 g / 11 ms, 3 shocks / axis and direction 5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Material (cable)	Halogen free polymer TM7 (LSZH)
Colour (cable)	Grey
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
ECHA SCIP number	f8cff76a-cfcd-483f-bd6f-e74c7e7419d1
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4) IEC 60332-3-24 Flame retardancy IEC 60754-1 Halogen freeness IEC 61034-1 Smoke density IEC 61034-2 Smoke density
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Commercial data

Packaging size	1
Country of origin	Latvia
European customs tariff number	85444290
GTIN	5713140246744
eCl@ss	27060390 Ready-made data cable (unspecified)



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Commercial data

ETIM	EC002599
UNSPSC 24.0	26121600