Pushing Performance
Since 1945

HAR PROFINET Typ A 4xAWG22/1 PVC 20m

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

Part number	09 45 600 0130
Specification	HAR PROFINET Typ A 4xAWG22/1 PVC 20m
HARTING eCatalogue	https://harting.com/09456000130

Identification

Category	System cabling
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)
Description of the cable	Flame retardant Largely oil resistant Sunlight resistant
Printing on cable	HARTING INDUSTRIAL ETHERNET STANDARD CABLE CAT 5 PLUS * 22AWG (SHIELDED) (UL) E333432 VERIFIED CAT 5E CMG 75°C or PLTC or AWM 21694 600V FT4 SUN RES * 094560001000100 "Metermarkierung" "Jahr/ Auftragnummer""HARTING-LOGO"
Features	Suitable for permanent installation

Version

Cable length	20 m
Number of cores	4
Core structure	4x AWG 22/1

Technical characteristics

Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-40 ... +75 °C unmoved -20 ... +60 °C moved
Cable diameter	6.3 ... 6.7 mm

HARTING Customised Solutions GmbH & Co. KG | In der Tütenbeke 22 | 32339 Espelkamp | Germany
Phone +49 5772 47-0 | info@HARTING.com | www.HARTING.com

Pushing Performance
Since 1945

Technical characteristics

Minimum bending radius	7.5x Cable diameter (repeated bending) 3x Cable diameter (singular bending)
Tensile strength	≤150 N
Test voltage $U_{r.m.s.}$	2 kV Wire / wire / shielding
Coupling attenuation @ 20 °C / 10 MHz	10 mΩ/m
Conductor resistance @ 20 °C	≤115 Ω/km
Insulation resistance @ 20 °C	≥500 MΩ x km
Signal run time @ 20 °C	≤5.3 ns/m
Impedance @ 100 MHz	100 Ω ±5 %

Material properties

Material (cable)	PVC
Colour (cable)	Green
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained

Specifications and approvals

Specifications	ISO/IEC 11801 EN 50173 IEC 24702 EN 50173-3 EN 50288-2-1 IEC 61156-5 IEC 60332-1-2 Flame retardancy UL 1581 UN/ECE-R 118 fire protection for rolling stock
UL / CSA	UL 444 DUZX.E333432 CSA-C22.2 No. 214 DUZX7.E333432
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	1,000 g

HARTING Customised Solutions GmbH & Co. KG | In der Tütenbeke 22 | 32339 Espelkamp | Germany
Phone +49 5772 47-0 | info@HARTING.com | www.HARTING.com

Pushing Performance
Since 1945

Commercial data

Net weight	66 g/m
Country of origin	Germany
European customs tariff number	85444995
GTIN	5713140061835
eCl@ss	27061801 Data and communication cable (copper)
ETIM	EC003249
UNSPSC 24.0	26121609

HARTING Customised Solutions GmbH & Co. KG | In der Tütenbeke 22 | 32339 Espelkamp | Germany
Phone +49 5772 47-0 | info@HARTING.com | www.HARTING.com