

PSEN cable M12-8sf M12-8sm, 30m

540344



Connection cable, PUR, yellow RAL1003, suitable for drag chains, 8-pin, socket straight M12, on connector straight M12, A-coded, cable length: 30m

Technical details

General data

Approval: CE, UKCA, cULus Listed

Technical data

Electrical data

Rated current: 2 A

Typ. conductor resistance K1: 78 Ohm/km

Specific contact resistance K1: $\geq 1E+16$ Ohm*cm

Specific conductor capacity K1: 60pF/m

Environmental data

Ambient temperature: -25 - 80 °C

Pollution degree clear.&creep.: 3

Mechanical data

Connector type 1: 8-pin M12 female connector

Shape of connector type 1: straight

Coding of M12 connector 1: A coded

Connector type 2: 8-pin M12 male connector

Shape of connector type 2: straight

Coding of M12 connector 2: A coded

Matl threaded ring conn 1: CuZn nickel-plated

Matl threaded ring conn 2: CuZn nickel-plated

Contact surfaces material 1:	Ni, Au gal.
Contact surfaces material 2:	Ni, Au gal.
Seal material:	FPM
Material of pins:	CuZn
Material of sockets:	CuZn
Cable material K1:	Cu
Insulation material cable K1:	PP (9Y)
Cable type K1:	Li9Y11Y
Length cable:	30 m
Colour cable insulation 1:	Signal yellow RAL1003
Housing colour:	Black
Material of cable insulation 1:	TPU / TPE-U
Trailing capability of cable 1:	yes
Bend radius (when laying) K1:	6 x Ø
Max. outside diameter cable K1:	6.2 - 6.2 mm
Conductor cross section:	0.25 - 0.25 mm ²
Cable cross section AWG K1:	24
Stranding K1:	8 cores round filler
Shielding K1:	no
Number of conductors:	8
Approvals for cable K1:	UL AWM-Style 20549
Approvals for connector 1:	UL 94
Approvals for connector 2:	UL 94
Halogen-free:	yes
Oil resistance:	resistant
Flame resistance:	cULus 20549
Housing material:	TPU, UL94
Net weight:	1448 g
Gross weight:	1469 g

Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	6c
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27060311
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000026