

PSEN Y junction M12-M12/M12 PIGTAIL

540338



Cable, Y-adapter with Y-plug-in connector, IP67, M12 male connector (X1, evaluation device), black, straight, 8-pin, A-coded on M12 female connector (X2, sensor/next plug-in connector), black, straight, 8-pin, A-coded and M12 female connector (X3, sensor), black, straight, 8-pin, A-coded, PUR, 0.25 m, 8× 0.25 mm², yellow, incorrect insertion of the connections electrically excluded by internal wiring, to connect PSENcode and PSENSlock.

Technical details

General data	
Approval:	CE, UKCA
Technical data	
Electrical data	
Rated current:	2 A
Typ. conductor resistance K1:	78 Ohm/km
Specific contact resistance K1:	$\geq 1 \text{E}+16 \text{ Ohm} \cdot \text{cm}$
Environmental data	
Ambient temperature:	-25 - 80 °C
Pollution degree clear.&creep.:	3
Mechanical data	
Connector type 1:	8-pin M12 male connector
Coding of M12 connector 1:	A coded
Connector type 2:	8-pin M12 female connector
Coding of M12 connector 2:	A coded
Connector type 3:	8-pin M12 female connector
Coding of M12 connector 3:	A coded
Matl threaded ring conn 1:	GD-Zn, Ni
Matl threaded ring conn 2:	GD-Zn, Ni
Material threaded ring conn 3:	GD-Zn, Ni

Housing material connector 3:	PA
Contact surfaces material 1:	Ni, Au gal.
Contact surfaces material 2:	Ni, Au gal.
Contact surfaces material 3:	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:	0.25 m
Colour cable insulation 1:	Signal yellow RAL1003
Housing colour:	Black
Material of cable insulation 1:	TPU / TPE-U
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:	UL94 V-0
Approvals for connector 2:	UL94 V-0
Approvals for connector 3:	UL94 V-0
Halogen-free:	yes
Oil resistance:	resistant
Flame resistance:	cULus 20549
Housing material:	TPU, UL94 HB

Net weight:	44 g
Gross weight:	47 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:	27272492
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000026