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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
A		INITIAL RELEASE	30NOV2013	YC	BvH
A1		ECR-14-015049	13OCT2014	GSK	BvH
A2		ECR-16-003945	16MAR2016	GSK	BvH

NOTES:  
 Tolerances cable lengths:  
 0m to 0.5m +30mm  
 0.5m to 1.0m +50mm  
 1.0m to 3.0m +100mm  
 < 3.0m +1.5%

Contact Layout

Schematic diagram

Female

Male

TECHNICAL DATA	
Operating voltage	24 V DC ±25 %
Operating current per contact	max. 4 A
Locking of ports	Screw thread M12 x 1 mm (recommended torque 0.6 Nm) self-securing
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

PUR/PVC CABLE	
No./diameter of wires	4 x 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk)
C-track properties	2 million
Jacket	PUR/PVC
Outer diameter	approx. 5.2 mm
Bend radius (moving)	15 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

CABLE	
No./diameter of wires	4 x 0.34 mm <sup>2</sup>
Wire isolation	PP (br, wh, bl, bk)
C-track properties	10 million
Jacket	PUR (UL/CSA), welding spark res.
Outer diameter	approx. 4.7 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-25...+90 °C

LENGTH "L"	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM
4 pos	SPARK RESISTANT	Black	3-2273126-5	4x22AWG SPARK RES 2.0m	20
			3-2273126-4	4x22AWG SPARK RES 1.5m	19
			3-2273126-3	4x22AWG SPARK RES 1.0m	18
			3-2273126-2	4x22AWG SPARK RES 0.6m	17
			3-2273126-1	4x22AWG SPARK RES 0.3m	16
4 pos	PUR/PVC	Black	2-2273126-5	4x22AWG PUR/PVC 2.0m	15
			2-2273126-4	4x22AWG PUR/PVC 1.5m	14
			2-2273126-3	4x22AWG PUR/PVC 1.0m	13
			2-2273126-2	4x22AWG PUR/PVC 0.6m	12
			2-2273126-1	4x22AWG PUR/PVC 0.3m	11

TECHNICAL DATA	
Operating voltage	24 V DC ±25 %
Operating current per contact	max. 4 A
Locking of ports	Screw thread M12 x 1 mm (recommended torque 0.6 Nm) self-securing
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

PUR CABLE	
No./diameter of wires	4 x 0.34 mm <sup>2</sup>
Wire isolation	PP (br, wh, bl, bk)
C-track properties	5 million
Jacket	PUR (UL/CSA)
Outer diameter	approx. 4.7 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C

PVC CABLE	
No./diameter of wires	4 x 0.34 mm <sup>2</sup>
Wire isolation	PVC (br, wh, bl, bk)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 5.0 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

LENGTH "L"	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM
4 pos	PVC	Black	1-2273126-5	4x22AWG PVC 2.0m	10
			1-2273126-4	4x22AWG PVC 1.5m	9
			1-2273126-3	4x22AWG PVC 1.0m	8
			1-2273126-2	4x22AWG PVC 0.6m	7
			1-2273126-1	4x22AWG PVC 0.3m	6
4 pos	PUR	Black	2273126-5	4x22AWG PUR 2.0m	5
			2273126-4	4x22AWG PUR 1.5m	4
			2273126-3	4x22AWG PUR 1.0m	3
			2273126-2	4x22AWG PUR 0.6m	2
			2273126-1	4x22AWG PUR 0.3m	1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN YATHISH.C 30NOV2013	<b>TE</b> TE Connectivity	
DIMENSIONS: mm		CHK B.VELDHOVEN 30NOV2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD A.VAN ZANDVOORT 30NOV2013	NAME M12 ANGLD SCKT TO M12 STRGHT PLG 3 LED	
0 PLC ± -		PRODUCT SPEC 108-19483	RESTRICTED TO	
1 PLC ± -		APPLICATION SPEC 114-32127	SIZE A2	CAGE CODE 00779
2 PLC ± -		WEIGHT	DRAWING NO C=2273126	SCALE NTS
3 PLC ± -		CUSTOMER DRAWING	SHEET 1 OF 1	REV A2
4 PLC ± -				
ANGLES ± -				
FINISH				

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