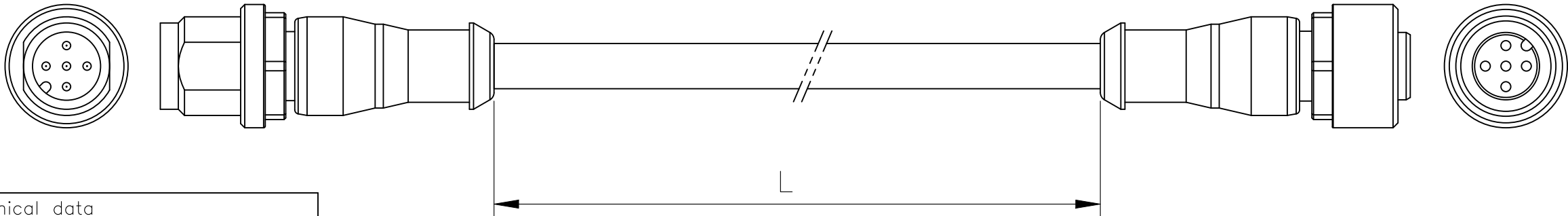


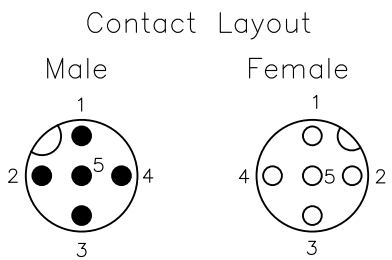
NOTES:
Tolerances cable lengths:
0m to 0.5m +30mm
0.5m to 1.0m +50mm
1.0m to 3.0m +100mm
>3.0m +1.5%

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C4	ECR-26-280282	27MAY2026	AP	RK

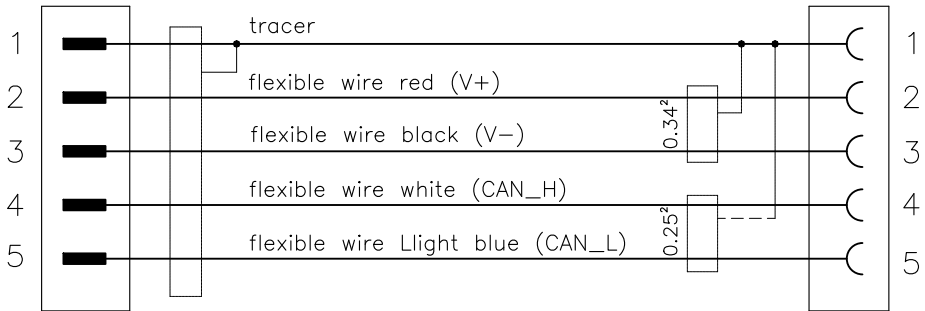


Mechanical data	
Housing:	M12 female straight, black
Screw:	M12x1 zinc pressure die casting surface Ni
Connection:	pluggable screw locking A/F 13 recommended breakaway torque 0.6Nm
Temp. range:	-25°C to +85°C (for connector)
Protection:	IP67

Electrical data	
Nominal voltage:	max. 60V AC/DC (UL rating 30V AC/DC)
Rated current:	max. 4A per contact
Rated impuls voltage:	1.5kV
Pollution degree:	3
Material group:	Categorie I according to IEC 60664-1
Fieldbus:	CANopen / DeviceNet



Schematic diagram



OBSOLETE	5 pos	18mtr	PUR	BLACK	1-2289297-7	5x22AWG PUR 18m	17
OBSOLETE		75mtr			1-2289297-6	5x22AWG PUR 75m	16
OBSOLETE		60mtr			1-2289297-5	5x22AWG PUR 60m	15
OBSOLETE		45mtr			1-2289297-4	5x22AWG PUR 45m	14
OBSOLETE		35mtr			1-2289297-3	5x22AWG PUR 35m	13
OBSOLETE		25mtr			1-2289297-2	5x22AWG PUR 25m	12
OBSOLETE		20mtr			1-2289297-1	5x22AWG PUR 20m	11
		15.2mtr			1-2289297-0	5x22AWG PUR 15.2m	10
OBSOLETE		13mtr			2289297-9	5x22AWG PUR 13m	9
OBSOLETE		12mtr			2289297-8	5x22AWG PUR 12m	8
		10.2mtr			2289297-7	5x22AWG PUR 10.2m	7
OBSOLETE		9mtr			2289297-6	5x22AWG PUR 9m	6
		7.7mtr			2289297-5	5x22AWG PUR 7.7m	5
		6.2mtr			2289297-4	5x22AWG PUR 6.2m	4
		4.7mtr			2289297-3	5x22AWG PUR 4.7m	3
		3.2mtr			2289297-2	5x22AWG PUR 3.2m	2
OBSOLETE		1.5mtr			2289297-1	5x22AWG PUR 1.5m	1
		LENGTH "L"			MATERIAL	JACKET COLOR	TE PN

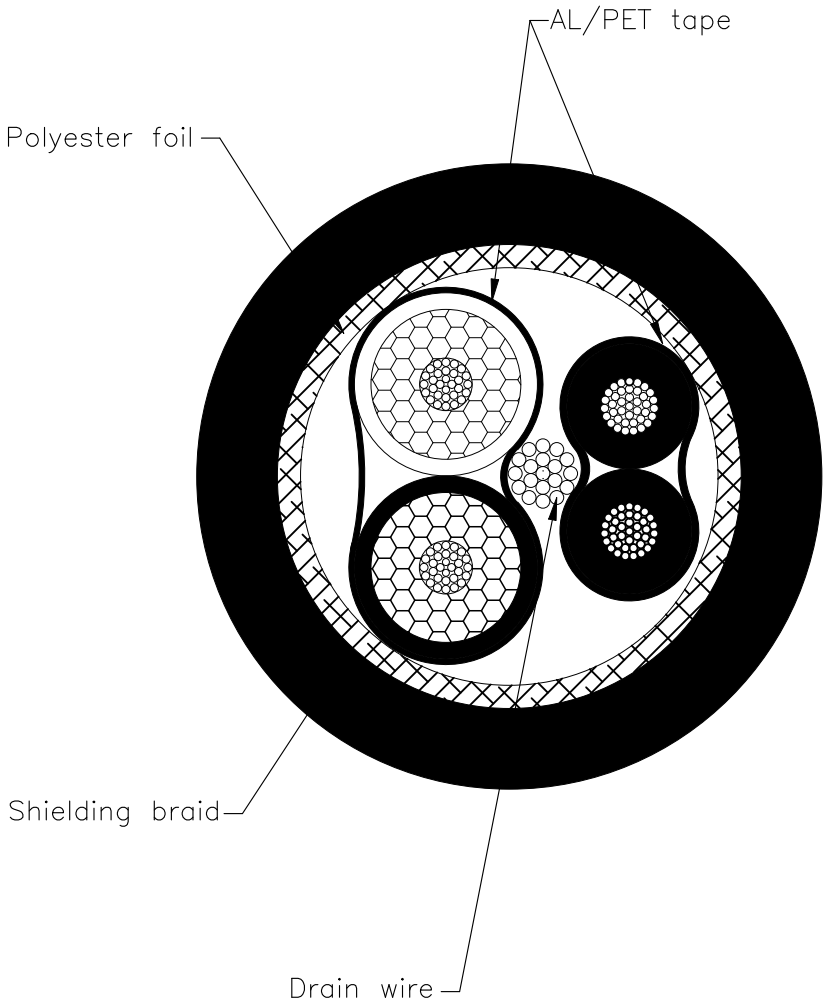
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SATHISH KUMAR G 22DEC2014	TE Connectivity Ltd.				
		CHK B.VELDHOVEN 22DEC2014					
		APVD A.VAN ZANDVOORT 22DEC2014	NAME M12 STRGT PLUG TO M12 STRGT SOCKET AA				
		PRODUCT SPEC 108-19483					
		APPLICATION SPEC 114-32127					
		WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-2289297	RESTRICTED TO -	
		CUSTOMER DRAWING			SCALE NTS	SHEET 1 of 2	REV C4

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

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%

CABLE DATA SHEET

Cable diameter	2x0.25+ 2x0.34mm ²	6.9mm±5%
Conductor colors	DATA PAIR: BLUE, WHITE 0.25mm ² ; POWER PAIR: BLACK, RED 0.34mm ²	
Conductor construction	0.25: tinned copper wire 22/19AWG, paired in AL/PET tape 0.34mm ² : tinned copper wire 24/19AWG, paired in AL/PET tape	
Conductor isolation	0.25mm ² : solid polyethylene outer dia 2.10mm ±5% 0.34mm ² : foam skin polyethylene outer dia 1.55mm ±5%	
Banding	Polyester foil, tinned copper wires (coverage min. 65%), drain wire 24/19AWG	
Outer jacket	Halogen free PUR, color: Violet	
Resistance	Good oil, petrol and chemical resistance, UV resistance compliant UL1581	
Electrical data	Nominal voltage 300v max operating voltage Dielectric strength cond/cond, cond/shield: 1.5kVac/1min	
Temperature range	–40°C to +80°C Fixed –30°C to +70°C Flexible	
Drag chain data	Translation speed: < 3.0m/s; acceleration: < 3.0m/s (proper installation) Bending radius:6x outer dia (static); 12x outer dia (axial drag chain)	
Drag chain data	Torsion range 12x outer diameter, max. 5 million cycles Not recommended for torsion	
Permission	UL (AWM style 20233), CSA	
Manufacturer & type	CEAM 0502688	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SATHISH KUMAR G CHK B.VELDHOVEN APVD A.VAN ZANDVOORT		22DEC2014 22DEC2014 22DEC2014		 TE Connectivity Ltd.				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME M12 STRGT PLUG TO M12 STRGT SOCKET AA						
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC 108-19483		-				
				APPLICATION SPEC 114-32127		-				
MATERIAL -		FINISH -		WEIGHT -		SIZE A3		CAGE CODE 00779	DRAWING NO C-2289297	RESTRICTED TO -
CUSTOMER DRAWING								SCALE NTS	SHEET 2 of 2	REV C4