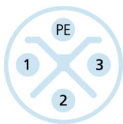
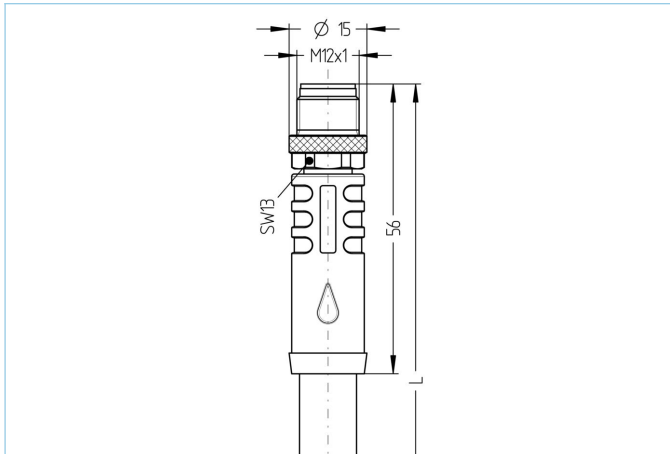


M12, male, straight, 3+PE, S-coded, POWER



Product data

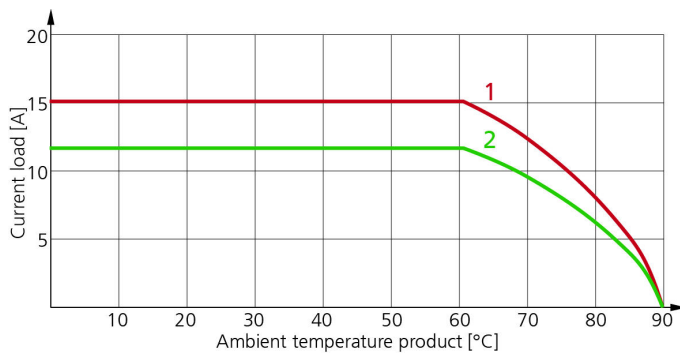
Item description	PS-AM12S4.155-2/S5115
Item-No.	8084144
Length	2m
Customs tariff-No.	85444290
Step-File	PS-AM12S4.155-L.stp
EAN	4047106339456

Technical data

Connector	male, straight, M12
Number of pins	3+PE
Pin assignment	1 BN, 2 BK, 3 GY, PE: GN/YE
Coding	S
Rated voltage	630V _{AC} 600V _{AC} (UL)
Current load per pin (at 40°C)	12A
Insulation resistance	≥10 ⁸ Ω
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Standards	IEC 61076-2-111
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	3
Style	straight

Cable web	PVC, S5115
Outer diameter of jacket	9.0 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7001
Wire cross-section	4 x 1.5 mm ²
Wire insulation material	PVC
Wire colors	GY, BK, BN, GNYE
Temperature range (repeated)	-5°C...+70°C
Temperature range (fixed)	-40°C...+80°C
Cable test voltage	4kV
Rated voltage cable	0,6/1kV
Special features	flame retardant

Derating curve according to DIN 60512-5-2



- 1: Base curve
2: Derived curve according to DIN 60512-5-2 with correction factor 0,8

UL installation note

https://www.escha.net/media/pdf/ESCHA_Kundeninformation_M12x1_POWER_UL_2020.pdf

Classification

eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311
ETIM 5.0	EC001855
ETIM 6.0	EC001855

Accessories

Mounting-clip, M12

<https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660>

Torque-wrench set

<https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431>

Screw cap, M12

<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=811>