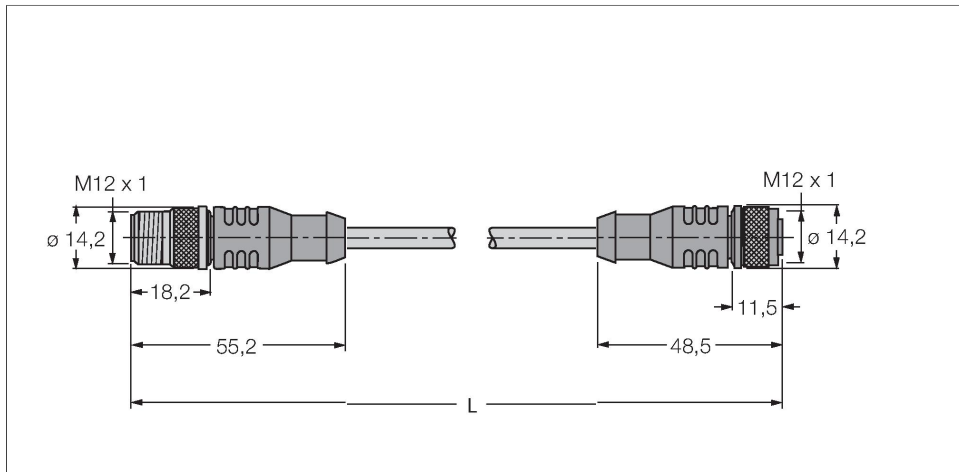


RSSW RKSU 455-2M

PROFIBUS Cable – PVC Cable Jacket

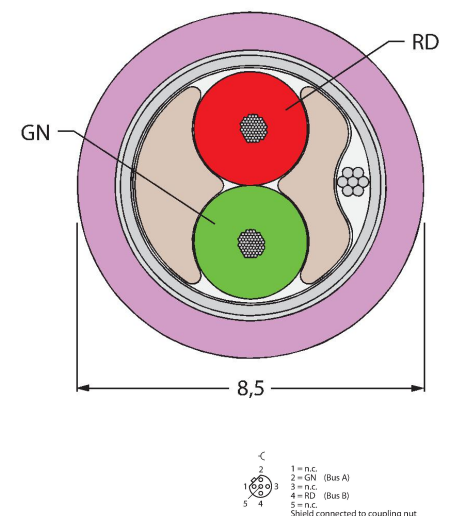


Features



- PROFIBUS cable: AWG 22/1
- Jacket material: PVC, color: purple
- Jacket diameter: 8.5 mm
- UL approval
- M12 female, straight, reverse-keyed
- M12 male, straight, reverse-keyed
- Cable length: 2.0 m

Cable cross section



Technical data

Type	RSSW RKSU 455-2M
Ident. no.	U0350
Connector A	Male, M12 × 1, Straight, B-code
Number of contacts	5
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.8 ... 1 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	When coupled - IP67, Only in screwed condition
Connector B	Female, M12 × 1, Straight, B-code
Number of contacts	5
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, PUR, Black
Coupling nut	Brass, CuZn, Nickel-plated
Seal	Plastic, FPM/FKM
Tightening torque	0.8 ... 1 Nm (note max. torque of mating connector!)
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3

Technical data

Protection class	When coupled - IP67, Only when screwed tight
Cable data	
Fieldbus	PROFIBUS-DP, 455
Cable diameter	Ø 8.5 mm ± 0.15
Cable length (L)	2 m
Cable jacket	PVC, Violet
Shield	Aluminum foil, tinned copper wire
Conductor insulation material	PE
Conductor size	2 x 0.34 mm ²
Number of strands x O.D.	19 x 0.15 mm
Conductor colors	GN, RD
Electrical properties at +20 °C	
Rated voltage	250 V
Current	4 A
DC resistance (loop)	50 Ω/km
Nom. impedance	150 Ω (1 MHz)
Nom. capacitance	29.53 pF/m
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
Ambient temperature	
Temperature range (static)	-40 °C...+80 °C
Temperature range (dynamic)	-40 °C...+80 °C
Other Features	
Qualified for drag chain use	no
Halogen-free	no
UV resistance	yes
Oil-resistant	no
Flame-retardant	yes
Approvals	UL, CSA