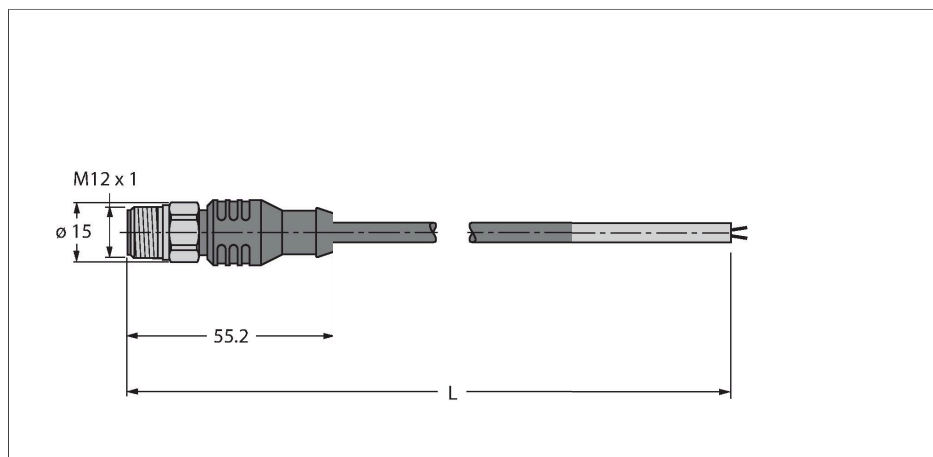


RSCV 493-0.3M

Fieldbus cables for fieldbus systems – Connection Cable



Features

- Fieldbus cable for FOUNDATION fieldbus
- PVC outer jacket, yellow
- Resistant to oil, gas and sunlight
- Temperature range -40...+105 °C
- Cable cross section: 18 AWG (0.8 mm²)
- End open
- M12 male, straight, stainless steel
- Cable length: 0.3 m

Technische Daten

Type	RSCV 493-0.3M
ID	U9368-03
Connector A	Male, M12 × 1, Straight, A-code
Number of contacts	4
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut	Stainless Steel, V4A
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, When coupled
Cable data	
Fieldbus	FOUNDATION fieldbus
Length (L)	0.3 m
Cable jacket	PVC, Yellow
Shielding	Plastic-covered aluminum foil, metal side outside, makes contact with drain wire and tinned copper wire
Conductor insulation material	PE foam with PE jacket
Conductor size	2 x 0.8 mm ²
Conductor colors	BN, BU
Electrical properties at +20 °C	
Rated voltage	300 V

Technische Daten

Current	4 A
DC resistance (loop)	43.6 Ω /km
Nom. impedance	100 $\pm$ 20 Ω (31.25 kBit/s)
Mechanical and chemical properties	
Max. tensile strength (static)	$\leq$ 90 N/mm ²
Ambient temperature range (static)	-40...+105 °C
Ambient temperature range (dynamic)	-40...+105 °C
Other Features	
UV resistance	Acc. to UL 1581, section 1200
Oil-resistant	according to ICEA S82-552
Flame-retardant	according to IEC 60332-3
Note	
- We reserve the right to make technical alterations without prior notice.	