



Model Number

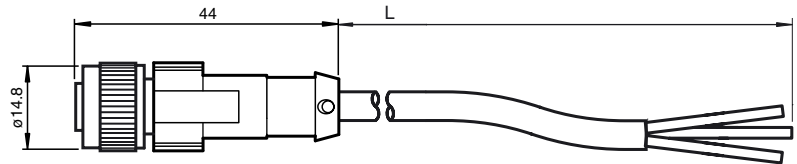
V11B-G-YE2M-PVC

M12 connector/socket, 4-pin, B-coded

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U_B	max. 300 V DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	-25 ... 105 °C (-13 ... 221 °F)
Pollution Degree	3

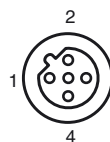
Mechanical specifications

Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Material	
Contacts	CuSn
Contact surface	Ni/Au
Body	TPU , yellow
Cable	PVC
Slotted nut	Zinc die-casting, nickel-plated
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø 5,2 mm
Bending radius	10 x cable diameter
Color	yellow
Cores	3 x 0.34 mm ²
Length	L 2 m
Flammability	
Contact material	94 V-2
Housing	94 V-2
Cable	VW-1 flame rating from UL

Approvals and certificates

UL approval	cULus Listed, General Purpose
-------------	-------------------------------

Electrical connection



1	-----	BK
2	-----	BU
4	-----	BN