



<b>Identification</b>	Type	KUG5-M12/IB 10M PUR
	Part-No.	463110
<b>Technical data</b>		
Nominal voltage	AC/DC 24 V	
Nominal voltage range	max. 30 V	
Rated current	4 A	
Number of terminations	5	
Cable length	10.0 m	
Coding	B - invers	
Shielding	360°	
<b>General</b>		
Form	M12 × 1, female straight	
Rated insulation voltage (EN 50178)	60 V	
Test voltage	1.5 kV	
Pollution degree	3	
Insulation resistance	>10 <sup>9</sup> Ω	
Contact resistance	< 5 mΩ	
Class of flammability according to UL 94	V0	
Protection class	IP 65, in screwed condition	
Housing material	TPU black	
Contact material	CuSn, gold plated nickel	

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Part-No. 463110

USA: LUTZE INC.

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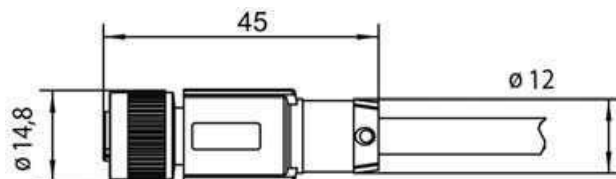
United Kingdom: LÜTZE Ltd.

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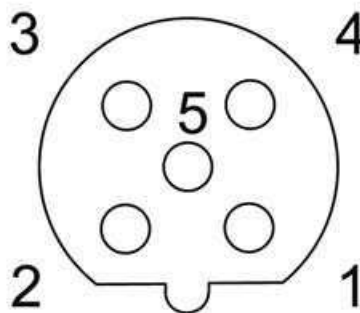
## Technical data sheet • Actuator sensor interface

Thread material	CuSn nickel plated
Gasket	NBR
Cable construction	2 × 2 × AWG 26/7 + 2 × AWG 24/19
Cable jacket	PUR, RAL 6017 green
Conductor insulation	Shield, yellow, green, grey, pink, brown
Cable diameter	8.0 mm
Bending radius	15 x cable diameter
Storage temperature range	-40 °C–90 °C
Temperature range connector	-25 °C – 90 °C
Temperature range cable fixed	-40 °C–80 °C
Temperature range cable moving	-20 °C–70 °C
Weight (kg/piece)	0.707
Approvals	the cable is UL, CSA certified 80° 300V
PU	10

### Dimensions



### PIN assignment



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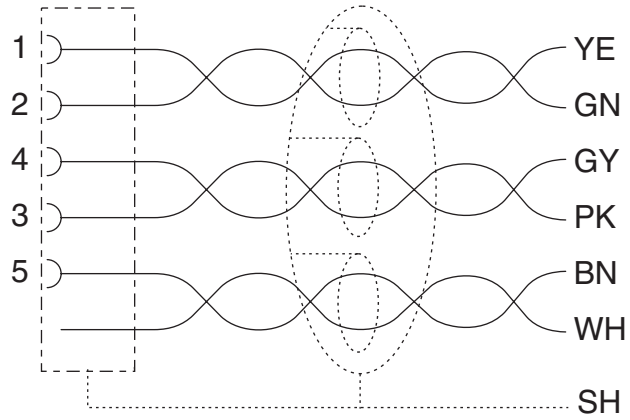
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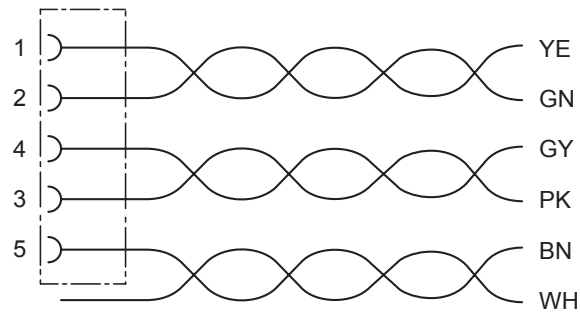
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**Circuit diagram**



**Circuit diagram**



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