

Standard

*Image for illustrative purpose only*

## Summary

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Wire Size/AWG	16 - 12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.10 - 5.50 mm
Size	2T
Suggested matching part	<a href="#">FGG.2T.302.CYCC55</a>
Series	T - Small Outdoor keyed

# Technical details

## Electrical Configuration

R (max)	3.3 mOhm
Rated current	20.5 A
Vtest (contact-contact)	4.1 kV (DC)
Vtest (contact-shell)	3.8 kV (DC)
Contact retention	65 N
Max. Conductor	2.5 mm <sup>2</sup> (AWG 12)
Min. Conductor	1.5 mm <sup>2</sup> (AWG 16)
Bucket Dia.	2.4 mm (0.094in)
Contact Dia.	2 mm (0.079in)
Wire Size/AWG	16 - 12
Gender	Standard

## Form & Material

Shell style / Model id	PH - Free receptacle, cable collet and nut for fitting a bend relief
Socket / Receptacle	Free
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	32.86 g

## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [ 6 ms]
Salt Spray Corrosion	>1000 hr

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/phg-2t-302-cymc55z.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/phg-2t-302-cymc55z.html)

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## Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.10 - 5.50 mm

## Drawings



## Dimensions

	A	L	S1	S2
mm.	15	51	13	12
in.	0.59	2.01	0.51	0.47

## Recommended By Lemo

### Accessories

Replacement contact [EGG.2B.675.ZZM](#)

Compatible cap [BRF.2T.200.CAZ](#)

### Tools

Spanner [DCP.2T.110.TN](#)

Positionner [DCE.91.202.BVCM](#)

Extraction tool [DCC.20.25B.LAG](#)

Crimp tool [DPC.91.101.A](#)

# Cables

Cable PartNumber	Material	Colour	Cable image
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/phg-2t-302-cymc55z.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/phg-2t-302-cymc55z.html)

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