

eM Compact Quick Connector. The world's most compact quick connector for electric and hybrid cars.



INTRODUCTION

The most compact way to connect.

In a world where every millimeter counts, we make your job a lot easier. Our connector gives you additional room to create more powerful battery packs.

The eM Compact is suitable for plastic, metal machined and even cold formed SAE style spigots. Perfect when economy is key.

Many years of innovation enable us to promise safety on the smallest of scales.

Next level of thermal management

Here is why.

- ✓ **Most compact.** Smallest Quick Connector in the electric and hybrid car market.
- ✓ **Suitable for SAE style spigots.** Plastic, metal machined or cold formed.
- ✓ **Low assembly force.** For easy and precise assembly process.
- ✓ **Safety of the joint.** Robust design to ensure a leak-free interface.



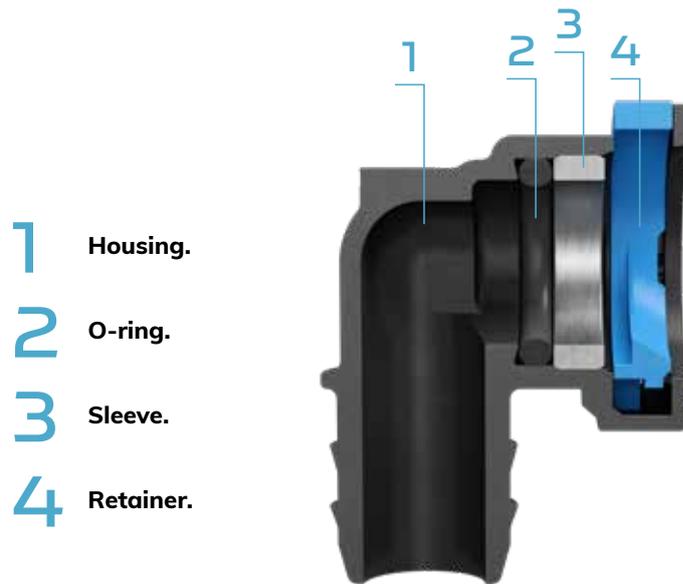
Applications

- Internal and external battery thermal management lines.
- Mid- and low-temperature cooling water systems of hybrid and electrical vehicles.

TECHNICAL FEATURES

- **Temperature range:** -40°C to +80°C (110°C peak)
- **Service pressure:** 2.5 bar (peak 3.5 bar)
- **Media resistance:** Water/Glycol
- **Housing, retainer and spacer:** PA 6.6 GF
- **O-ring:** EPDM
- **Tube interface:** 2 or 3 barbs fir tree for thermoplastic tube
- **Flammability resistance (V0):** Optional
- **Dimension for tube ID:** 8, 10, 12, 13.5

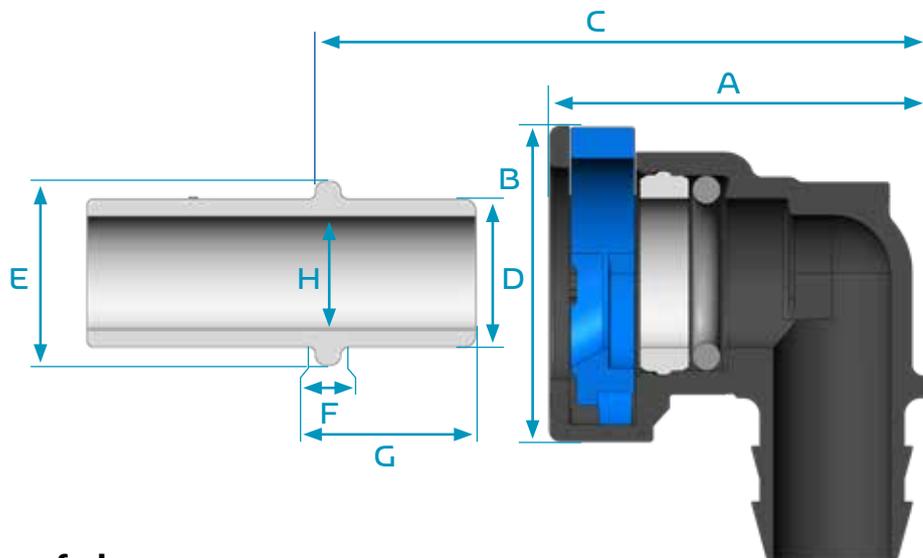
HOW IT WORKS



Technical features

Tube int. diam. (mm)	Spigot diam. (mm)	90°	0°	Min. burst pressure (b)	Min. pull-off load (N)	Max. mounting load (N)
08	11.8	◆	◆	10	450	67
10	13	●	◆	10	450	67
12	15.82	●	◆	10	450	80
13.5	17.5	◆	◆	10	450	111

● Existing ◆ On request



Summary of sizes

Tube int. diam. (mm)	D: Spigot diam. (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	H (mm)
08	11.8	33	30	48.5	16.5	2.14	14	8
10	13	33	28	48.5	16.2	2.14	14	10
12	15.82	36	31.88	50.5	19.18	2.14	14	12
13.5	17.5	37.25	32	53	20.7	1.6	14	13.5

Learn more about eM Compact Quick Connector.



Visit

normagroup.com/eM-Compact



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Do you have questions or require a personal consultation?

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