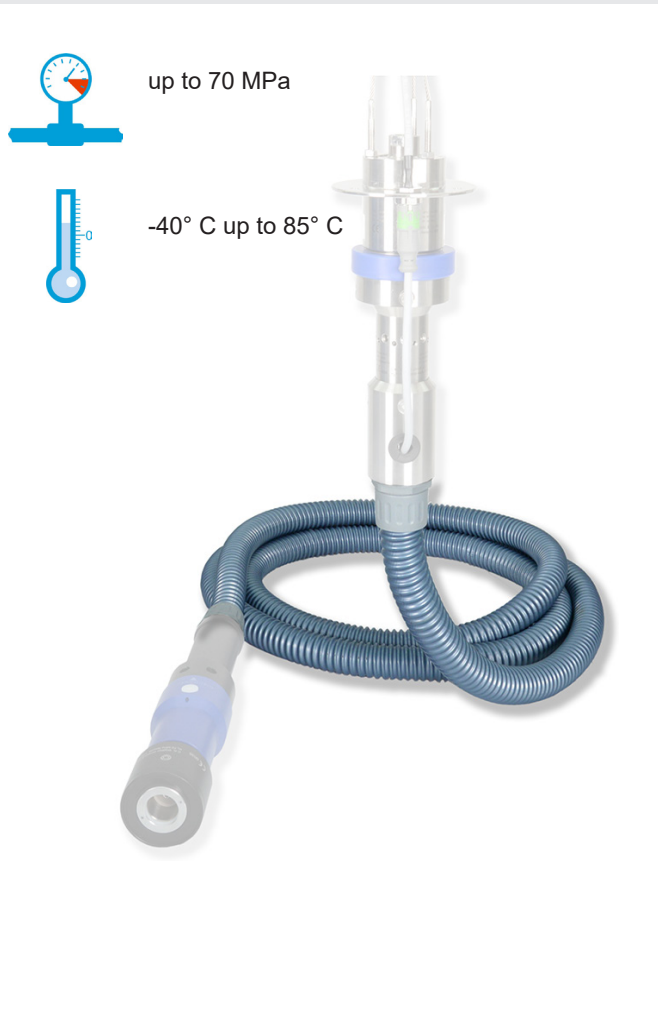




## Data Sheet | Hose Set | HG-Series | 70 MPa NF

The WALTHER high pressure refueling system of the HG series is developed for safe and fast refueling with gaseous hydrogen. The usual application is the refueling of hydrogen driven vehicles up to an operating pressure of 87.5 MPa / 12,688 psi. The refueling nozzles are tested and validated

according to SAE J2600 and ISO 17268, the worldwide standards for refueling interfaces. Since 2006 WALTHER-PRÄZISION has significantly contributed to set the standards for high-pressure hydrogen technology, offering today validated systems for the mobility of the future.



### Description:

70 MPa hose set, L = 4,000 mm, for the connection of refueling nozzle with breakaway coupling

- High pressure hose with stainless steel wire reinforcement
- Protection hose pricked to allow drainage of condensation water
- Protection hose electrically conductive
- Protection hose made of high-quality PUR

### Complementary equipment:

- Refueling nozzle
- Parking station
- Breakaway coupling
- Service tools

## Technical Data | Hose Set | HG-Series | 70 MPa NF

Properties	Detailed information	Data
Technical features	Nominal pressure	70 MPa
	MOP up to ISO 19880 pressure	87,5 MPa
	MAWP up to ISO 19880 pressure	96,25 MPa
Materials	Protection hose	PUR
Certificates standards	Electrical conductivity according to ISO 17286	< 0,3 Ohm/m
Dimensions	Length / Diameter	400 mm x Ø 50 mm

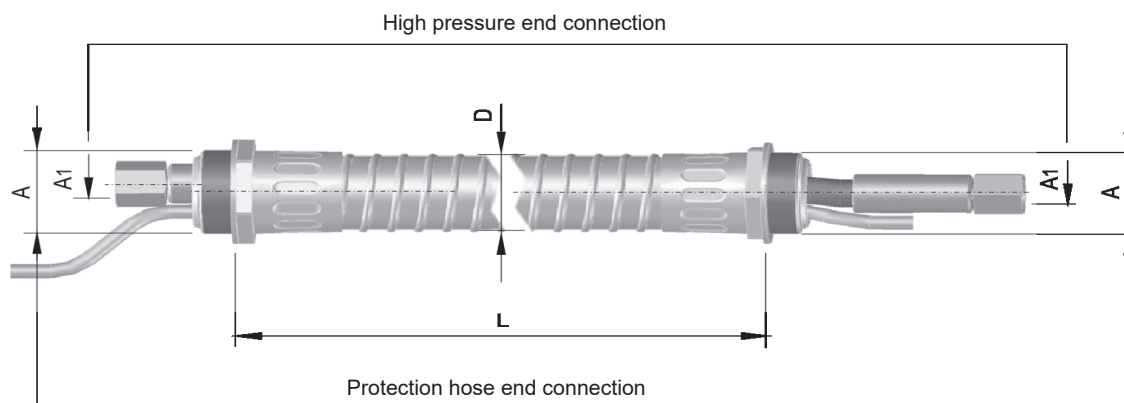


## Variants available | Hose Set | HG-Series | 70 MPa NF

NB	Product type	A	A1	Cable and extras	L [mm]	D [mm]	Weight [kg]	ID	Part number
4	Hose set with IR cable 70 MPa - NF*	M40 x 1,5	High pressure hose: (Spir Star)** 9/16-18 UNF M-Swivel*	Escha 5 way double sided with M12 E Plug/emergency separation plug	4000	ca.40	3,23	121137	95721-B-00007-AAAC-BB
4	Hose set with IR cable 70 MPa - NF*	M40 x 1,5	High pressure hose: (Spir Star)** 9/16-18 UNF M-Swivel*	LEMO 5 way double sided with M12 E Plug/emergency separation plug	4000	ca.40	3,23	237764	HG-004-B-00018-SBBA-Y146-S070
4	Hose set without IR cable 70 MPa - NF*	M40 x 1,5	High pressure hose: (Spir Star)** 9/16-18 UNF M-Swivel*	without cable	4000	ca.40	3,23	141099	95721-B-00008-AAAD-BB
4	Hose set with IR cable 70 MPa - NF*	M40 x 1,5	High pressure hose: (Parker)** 9/16-18 UNF M-Swivel*	Escha 5 way double sided with M12 E Plug/emergency separation plug	4000	ca.40	3,23	223031	95721-B-00011-AAAG-BB
4	Hose set with IR cable 70 MPa - NF*	M40 x 1,5	High pressure hose: (Parker)** 9/16-18 UNF M-Swivel*	LEMO 5 way double sided with M12 E Plug/emergency separation plug	4000	ca.40	3,23	237766	HG-004-B-00018-SBBB-Y156-S070
4	Hose set without IR cable 70 MPa - NF*	M40 x 1,5	High pressure hose: (Parker)** 9/16-18 UNF M-Swivel*	without cable	4000	ca.40	3,23	238277	HG-004-B-00021-SBBD-Y136-S070

\* NF = Normal flow / HF = High flow | Standard

### Overview



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# WALTHER-PRÄZISION

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