

Ancillary products

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all-gas sockets

DIN 3383 with DVGW approved



fig.	Part no.	R	L1	L2
1	520361	1/2"	14.5	50

fig.	Part no.	R	L1	L2
2	520362	1/2"	15	88

technical data:

operating pressure: 0.4 bar
ambient temperature: max 70°C
thermal capacity 925°C/60min.
gas types: natural gas/ town gas/ LPG

all-gas safety self-fastening hoses

DIN 3384 with DVGW approved



no.	Part no.	length (mm)	nominal width
1	520365	500	DN15
2	520366	800	DN15
3	520367	1000	DN15

no.	Part no.	length (mm)	nominal width
4	520368	1250	DN15
5	520369	1500	DN15

technical data:

input: standard hose plug
inner hose: stainless steel-reinforced hose
outer hose: stainless steel strip-wound hose
operating pressure: 0.1 bar
ambient temperature: max. 70°C

all-gas hoses

NFD 36-123



technical data:

flex hose plastic coated
with Viton gasket
pressure max. 2bar

fig.	Part no.	L(mm)	(A)
1	250017	500	1/2"ID-1/2"ID
1	250018	750	1/2"ID-1/2"ID
1	250019	1000	1/2"ID-1/2"ID
1	250020	1250	1/2"ID-1/2"ID
1	250021	1500	1/2"ID-1/2"ID
1	250022	2000	1/2"ID-1/2"ID

fig.	Part no.	L(mm)	(A)
2	250025	1000	3/4"ET-3/4"ET
2	250026	1500	3/4"ET-3/4"ET
2	250027	2000	3/4"ET-3/4"ET
3	250023	1000	1/2"ID-1/2"ID
3	250024	1500	1/2"ID-1/2"ID

Norm EN14800

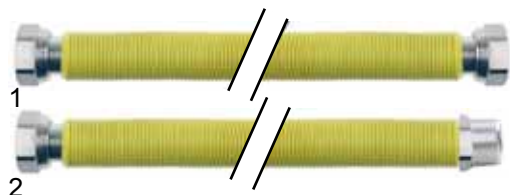


fig.	Part no.	L(mm)	(A)
1	250059	500	1/2"ID-1/2"ID
1	250060	750	1/2"ID-1/2"ID
1	250056	1000	1/2"ID-1/2"ID
1	250061	1250	1/2"ID-1/2"ID
1	250057	1500	1/2"ID-1/2"ID
1	250062	1750	1/2"ID-1/2"ID
1	250058	2000	1/2"ID-1/2"ID

fig.	Part no.	L(mm)	(A)
2	250063	500	1/2"ID-1/2"ET
2	250064	750	1/2"ID-1/2"ET
2	250065	1000	1/2"ID-1/2"ET
2	250066	1250	1/2"ID-1/2"ET
2	250067	1500	1/2"ID-1/2"ET
2	250068	1750	1/2"ID-1/2"ET
2	250069	2000	1/2"ID-1/2"ET

standard UNI CID 9891

extendable



technical data:

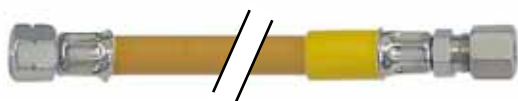
hose: stainless steel (plastic coated)
connections: stainless steel

fig.	Part no.	L(mm)	(A)
1	250028	250-500	½"ID-½"ID
1	250029	500-1000	½"ID-½"ID
1	250030	1000-2000	½"ID-½"ID
1	250034	250-500	¾"ID-¾"ID
1	250037	500-1000	¾"ID-¾"ID
1	520458	1000-2000	¾"ID-¾"ID

fig.	Part no.	L(mm)	(A)
2	250031	250-500	½"ID-½"ET
2	250032	500-1000	½"ID-½"ET
2	250033	1000-2000	½"ID-½"ET
2	250035	250-500	¾"ID-¾"ET
2	250038	500-1000	¾"ID-¾"ET
2	250039	1000-2000	¾"ID-¾"ET

LPG intermediate pressure-hoses

DIN 4815 with DVGW approved



technical data:

to connect from fittings,
consumption devices and pipelines.
Hoseline from rubber with textile insertion
cold resistant up to -30°C

fig.	Part no.	R	L1	L2
1	250002	400	R ¼"left	8mm RVS
1	250041	1000	R ¼"left	8mm RVS
1	250042	1500	R ¼"left	8mm RVS
1	250043	2000	R ¼"left	8mm RVS

fig.	Part no.	R	L1	L2
2	250047	400	R ¼"left	10mm RVS
2	250048	1000	R ¼"left	10mm RVS
2	250049	2000	R ¼"left	10mm RVS
3	250004	400	R ½"left	12mm RVS

screw pipe fittings



technical data:

for connecting steel pipes to gas equipment

fig.	Part no.	description	connection
1	101560	straight	¾" int. thread-10mm pipe union
1	106443	straight	¾" int. thread-12mm pipe union
1	106442	straight	½" int. thread-10mm pipe union
1	101561	straight	½" int. thread-12mm pipe union
2	106444	angled	¾" int. thread-10mm pipe union
2	106446	angled	¾" int. thread-12mm pipe union
2	106445	angled	½" int. thread-10mm pipe union
2	106447	angled	½" int. thread-12mm pipe union

fig.	Part no.	description	connection
3	106448	straight	8mm pipe union
3	106449	straight	10mm pipe union
3	106476	straight	12mm pipe union
4	106477	angled	8mm pipe union
4	106478	angled	10mm pipe union
4	106479	angled	12mm pipe union
5	106487	T-piece	8mm pipe union
5	106488	T-piece	10mm pipe union
5	106489	T-piece	12mm pipe union

low pressure controllers



fig.	Part no.	Type	connection	output
1	250005*	N-61F	KLF - ¼"left	50mbar / 1.5kgh
1	250050**	N-61F	KLF - ¼"left	30mbar / 1.5kgh
2	250001	624	KLF - ¼"left	50mbar / 1.5kgh
3	250007	EN61-DS	KLF - ¼"left	50mbar / 1.5kgh

*for outdoor use only **not approved in Germany

fig.	Part no.	Type	connection	output
3	250051**	EN61-DS	KLF - ¼"left	30mbar / 1.5kgh
4	250044	EN61-DS	KLF - ¼"left	50mbar / 1.5kgh
5	250013**	DF 54 04	M20x1.5	37mbar / 4kgh



fig.	Part no.	Type	connection	output
1	250006	Type 521	GF - ½"left	50mbar / 4kg

fig.	Part no.	Type	connection	output
2	250045	FL91-4	GF - ½"left	50mbar / 4kg

gas ball-valves



fig.	Part no.	thread	length (mm)
1	520286	½"	75
1	520287	¾"	80
1	520288	1"	86
1	520289	1¼"	110

fig.	Part no.	thread	length (mm)
2	520325	½"	75
2	520326	¾"	80
2	520327	1"	90
3	514278	¾"	

technical data:

DVGW approved
for all-gas types
operating pressure: max.1bar

with thermal activation



fig.	Part no.	thread	length (mm)
1	520370	½"	112
1	520371	¾"	135

fig.	Part no.	thread	length (mm)
2	520372	½"	90
2	520373	¾"	94

technical data:

DVGW approved
operating pressure:max.4bar
operation temperature:-20 up to +80°C
thermal capacity: 925°C/60min.
activation temperature:100°C

gas warning devices with acoustic signal

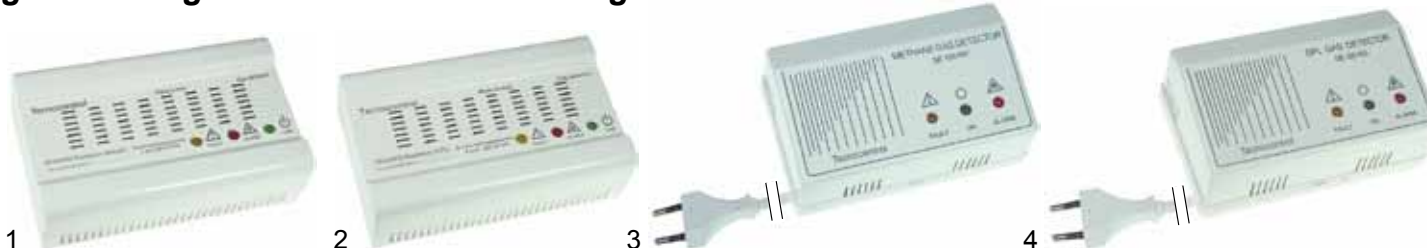


fig.	Part no.	Type	supply	gas Type	relay output
1	802140	SE 230 KM	230V AC/12V DC	natural gas	8A
2	802141	SE 230 KG	230V AC/12V DC	LPG	8A

fig.	Part no.	Type	supply	gas Type	relay output
3	802144	SE 120 KM	230V AC	natural gas	without
4	802145	SE 120 KG	230V AC	LPG	without

kit for gas warning device



no.	Part no.	Type	supply	gas Type	solenoid valve
1	802146	SE 230 KM	230V AC	natural gas	1/2"
2	802147	SE 230 KM	230V AC	natural gas	3/4"
3	802148	SE 230 KM	230V AC	natural gas	1"

no.	Part no.	Type	supply	gas Type	solenoid valve
4	802149	SE 230 KG	230V AC	LPG	1/2"
5	802150	SE 230 KG	230V AC	LPG	3/4"
6	802151	SE 230 KG	230V AC	LPG	1"

sensors for gas warning device



no.	Part no.	Type	supply	gas Type	for TYPE:
1	802142	SE 195 KM	230V	natural gas	SE 230/233KM

no.	Part no.	Type	supply	gas Type	for TYPE:
2	802143	SE 195 KG	230V	LPG	SE 230/233KG

solenoid valves

off-current open



no.	Part no.	Type	gas Type	connection
1	102941	VR 500	230V	1/2"
2	102942	VR 510	230V	3/4"

no.	Part no.	Type	gas Type	connection
3	102943	VR 520	230V	1"

gas-leak detectors



1



2



3

fig.	Part no.	Type	gas Type	battery life	dimensions	supply
1	802153	SE151NM	natural gas/LPG	8h	220x160x40mm	battery
2	802155	SE153nm	natural gas/LPG	5h	220x190x90mm	battery/rechargeable
3	802154	SE155M	natural gas/LPG	8h	55x235x37mm	battery

differential-pressure U-tube meter



fig.	Part no.	description
1	250052	Type Manoflex 0-60mbar

fig.	Part no.	description
2	250053	Type MA138 0-60mbar

differential-pressure meter



fig.	Part no.	Type	measuring range	resolution
1	800004	GMH 3161-07	-1 up to 70mbar	0.01mbar
1	800000	GMH 3161-13	-100 up to 2000mbar	1mbar

fig.	Part no.	Type	measuring range	resolution
2	800005	GDH 200-07	0 up to 19.99/199.9mbar	0.01/0.1mbar
3	800008	PM6530	0 up to 140mbar	0.01mbar

CO measuring devices



fig.	Part no.	Type	measuring range	resolution
1	802152	ID155 C	0 up to 1000ppm	1ppm

fig.	Part no.	Type	measuring range	resolution
2	802033	GCO 100	1 up to 1000ppm	1ppm

accessories

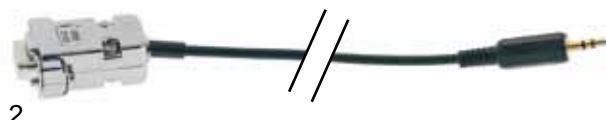


fig.	Part no.	description	for Type
1	800197	equipment case	GMH/ GCO
2	800006	Interface converter RS232	GMH/ GCO

fig.	Part no.	description	for Type
3	800007	Interface converter USB	GMH/ GCO

gas-fitting grease



fig.	Part no.	description
1	890102	squeezable tube 50g

technical data:

DVGW approved
operating temperature -2 up to 150°C

fig.	Part no.	description
2	890108	can 500g

gasket materials



fig.	Part no.	description
1	890086	hemp spool 80g
2	890080	sealing paste Neo-Fermit
3	890089	hemp dispenser

fig.	Part no.	description
4	890100	teflon belt coil 12 meter, DVGW approved
5	890162	seal thread 50 meter, DVGW approved
6	890109	seal thread 150 meter, DVGW approved



fig.	Part no.	description	product
1	890135	pipe thread sealant up to 2" temperature range -55 up to 150°C squeezable tube 50ml DVGW approved	Loctite 511
2	890097	medium-strength pipe thread sealant up to 3" temperature range -55 up to 150°C bottle 50ml DVGW approved	Loctite 577

fig.	Part no.	description	product
3	890098	low-strength thread sealant temperature range -55 up to 150°C squeezable tube 100ml DVGW approved	Loctite 5331
4	890128	medium-strength pipe thread sealant up to 3/4" temperature range -55 up to 150°C squeezable tube 50ml DVGW approved	Loctite 542

tools



fig.	Part no.	description
1	800001	nozzle reamers set 6-piece, 0.6-2mm
2	800050	nozzle reamers set 12-piece, with holder 0.5-2mm
3	800082	nozzle gauge 0.1-1.45mm, 20 measuring pins
3	800081	nozzle gauge 1.5-3mm, 16 measuring pins
4	800080	nozzle gauge adjustable, 0.1-3mm

fig.	Part no.	description
4	800083	nozzle gauge adjustable, 0.1-5mm
5	890123	leakage detector spray 400ml can
6	802034	thermocouple tester
7	801085	open eye wrench 8/10mm
7	801086	open eye wrench 9/11mm

individual reamers



no.	Part no.	size (mm)
1	800053	0.3
2	800054	0.4
3	800055	0.5
4	800056	0.6
5	800057	0.7
6	800058	0.8
7	800059	0.9
8	800060	1

no.	Part no.	size (mm)
9	800061	1.1
10	800062	1.2
11	800063	1.3
12	800064	1.4
13	800065	1.5
14	800066	1.6
15	800067	1.7

no.	Part no.	size (mm)
16	800068	1.8
17	800069	1.9
18	800070	2
19	800071	2.25
20	800072	2.5
21	800073	2.75
22	800074	3