Data sheet

VGM20-MS54 ZE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Similar to illustration



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.
The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.
Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

Version	VG MS ZE (standard brass cable gland strain relief), Cable glands, straight, M 20, 6 mm, OD min. 6.5 - OD max. 12.5 mm, IP65, Brass, nickel-plated
Order No.	1778450000
Type	VGM20-MS54 ZE
GTIN (EAN)	4032248161461
Qty.	50 items
Delivery status	Discontinued
Available until	2024-08-31T00:00:00+02:00
Alternative product	VG M20 - MS 68

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Height	26 mm	Height (inches)	1.0236 inch
Length	32 mm	Length (inches)	1.2598 inch
Net weight	43.4 g		

Temperatures

Operating temperature	-20 °C...80 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	b5ff1f66-ddba-4739-9fc0-0521ddb52139

General information

Outer cable diameter, max.	12.5 mm	Outer cable diameter, min.	6.5 mm
Protection degree with GWDR	IP65	Operating temperature range, max.	80 °C
Operating temperature range, min.	-20 °C	Pitch of thread	1.5 mm
Halogen	No	Clamping range, strain relief, max.	12 mm
Clamping range, strain relief, min.	7.5 mm	AF size 1	22 mm
AF size 2	22 mm	AF size	22 mm
Protection degree	IP54	Cable gland	metric, M 20
Basic material	Brass, nickel-plated	Seal insert	NBR
Sealing	NBR	External thread	M 20
Length of thread	6 mm	Torque for cap nut, max.	8.00 Nm
Torque for connecting adapter, max.	12.00 Nm	Torque for connecting adapter, min.	12.00 Nm
Torque for cap nut, min.	8.00 Nm		

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-01
ECLASS 15.0	27-14-08-01		

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Accessories

Brass lock nuts, nickel-plated



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SKMU M20 MS	Version
Order No.	1737000000	SKMU MS (brass locknut), Locknut, M 20, 3 mm, Brass, nickel-plated
GTIN (EAN)	4008190956479	
Qty.	100 ST	

Brass lock nuts, natural finish



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SKMU M20 MS SC	Version
Order No.	0930640002	SKMU MS (brass locknut), Locknut, M 20, 4 mm, Brass
GTIN (EAN)	4032248849826	
Qty.	50 ST	

Neoprene flat gasket - GWDR NP



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	GWDR M20-NP	Version
Order No.	1736240000	GWDR NP (flat gasket - neoprene), Sealing ring, M 20, Neoprene
GTIN (EAN)	4008190956035	
Qty.	50 ST	

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Accessories

Polyethylene flat gasket - GWDR PO



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General ordering data

Type	GWDR M20-PO	Version
Order No.	1777940000	GWDR PO (flat gasket - polyethylene), Sealing ring, M 20,
GTIN (EAN)	4032248158201	Polyethylene
Qty.	100 ST	

Vulcanised fibre gasket - KSWF



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	KSWF M20	Version
Order No.	0899750000	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 20, Vulcanized
GTIN (EAN)	4032248850174	fibre
Qty.	25 ST	

Nylon flat gasket - KSWN



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	KSWN M20	Version
Order No.	0930730002	KSWN (flat gasket - nylon), Sealing ring, M 20, Nylon 6
GTIN (EAN)	4032248849802	
Qty.	25 ST	