

<b>DATA SHEET</b>	6180 4211
<b>FIPLOCK® M</b>	Valid from: 15.03.2018

Our one-piece FIPLOCK® M connector for cable protection, with a metric connection thread, made of specially modified, zero-halogen polyamide 6 is self-extinguishing and resistant against most chemical media commonly used. Due to its excellent UV-resistance, FIPLOCK® M is also perfectly suited for outdoor installations. With our brand new 360° interlocking system and an inside conduit seal, FIPLOCK® M complies with the highest possible protection class IP69 in combination with our FIPLOCK® corrugated conduits with fine and coarse profile. Being delivered in a pre-assembled state and easy to re-open by using a commercially available slotted screwdriver, FIPLOCK® M ensures significant time saving during installation and disassembly.



Fits with all corrugated conduits NW7-NW48 with fine and coarse profile.

**Material:**

PA6 MOD BS SGA

**Technical Features:**

Connecting thread	M12x1,5 up to M63x1,5
Nominal wide	NW 7 up to NW 48
Protection class	IP66, IP67, IP68 and IP69 (IP69K) acc. to EN 60529
Temperature range	Depending on the used conduit -50°C up to +120°C

**Additional features:**

Notched bar impact test	7-25 kJ/m² acc. to ISO 180
Fire classification	V0 acc. to UL94
Fire hazardous level	HL3 (R22 and R23) acc. to EN 45545-2
Free of halogen und cadmium	
UV and weathering resistance	acc. to IS FIP

**Color:**

Black  
Grey



**Approbation:**

**Reference standards:**

DIN EN 61386-1  
DIN EN 61386-22  
DIN EN 61386-23

**Suitable conduits:**

SILVYN® SPLIT  
FIPLOCK® FPAF  
FIPLOCK® HPAF  
FIPLOCK® FPDF  
FIPLOCK® HPDF

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

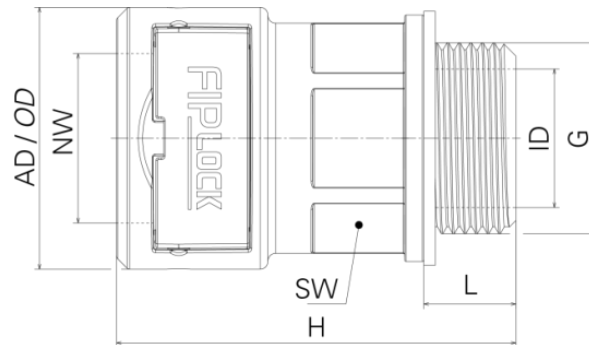
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## Product drawing:



## Dimension table:

Part No.	NW	Thread G	Thread- length L mm	Length		Inner Diameter ID mm	Outer Diameter AD/OD mm	SW	Weight g
				H mm					
<b>FIPOLOCK® M Black</b>									
6180 4211	7	M12x1,5	11	39,0		7,2	22,0	17	7,6
6180 4212	10	M12x1,5	11	40,0		10,0	24,7	20	9,0
6180 4213	10	M16x1,5	11	40,0		10,0	24,7	20	9,6
6180 4214	12	M16x1,5	11	42,0		9,0	28,5	22	12,0
6180 4215	10	M20x1,5	11	40,0		10,0	24,7	20	10,3
6180 4216	12	M20x1,5	11	42,0		13,0	28,5	22	12,8
6180 4217	17	M20x1,5	11	51,1		13,0	34,0	27	18,6
6180 4218	17	M25x1,5	12	52,1		17,2	34,0	27	18,8
6180 4219	23	M25x1,5	12	52,1		18,0	41,7	36	27,6
6180 4220	23	M32x1,5	15	55,1		23,0	41,7	36	29,7
6180 4221	29	M32x1,5	15	55,4		25,0	48,4	41	32,0
6180 4222	29	M40x1,5	19	59,4		29,0	48,4	41	35,2
6180 4223	36	M40x1,5	19	72,8		31,9	59,7	52	67,7
6180 4224	36	M50x1,5	19	72,8		36,0	59,7	52	71,0
6180 4225	48	M50x1,5	19	72,8		41,9	71,0	65	89,9
6180 4226	48	M63x1,5	19	72,8		50,5	71,0	65	88,8
<b>FIPOLOCK® M Grey</b>									
6180 4227	7	M12x1,5	11	39,0		7,2	22,0	17	7,6
6180 4228	10	M12x1,5	11	40,0		10,0	24,7	20	9,0
6180 4229	10	M16x1,5	11	40,0		10,0	24,7	20	9,6
6180 4230	12	M16x1,5	11	42,0		9,0	28,5	22	12,0
6180 4231	10	M20x1,5	11	40,0		10,0	24,7	20	10,3
6180 4232	12	M20x1,5	11	42,0		13,0	28,5	22	12,8
6180 4233	17	M20x1,5	11	51,1		13,0	34,0	27	18,6
6180 4234	17	M25x1,5	12	52,1		17,2	34,0	27	18,8
6180 4235	23	M25x1,5	12	52,1		18,0	41,7	36	27,6
6180 4236	23	M32x1,5	15	55,1		23,0	41,7	36	29,7
6180 4237	29	M32x1,5	15	55,4		25,0	48,4	41	32,0
6180 4238	29	M40x1,5	19	59,4		29,0	48,4	41	35,2
6180 4239	36	M40x1,5	19	72,8		31,9	59,7	52	67,7
6180 4240	36	M50x1,5	19	72,8		36,0	59,7	52	71,0
6180 4241	48	M50x1,5	19	72,8		41,9	71,0	65	89,9
6180 4242	48	M63x1,5	19	72,8		50,5	71,0	65	88,8