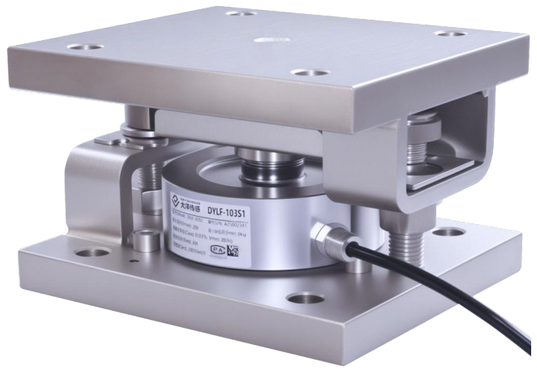
Weigh Modul Parameter Specifications

WM(A/S)-DYLF-103S1

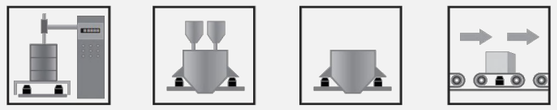
■ Special features

고품질 합금강 소재
최대 용량 0.5톤 ~ 100톤
최대 3000d 분할까지 OIML R60 규정 준수
밀폐형(IP68, IP69K)
낮은 프로파일 및 작은 처짐
적용 분야: 컨테이너 및 탱크 계량, 산업용 배치 제어 시스템

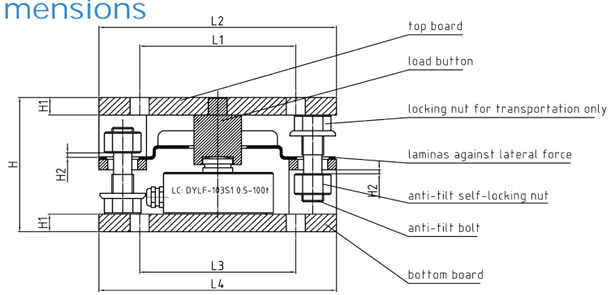


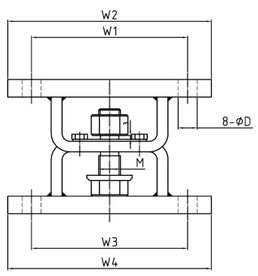
■ Option

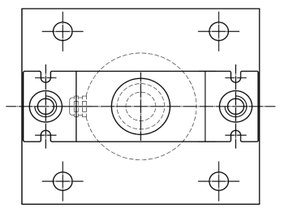
- Various cable lengths
- Explosion-proof versions

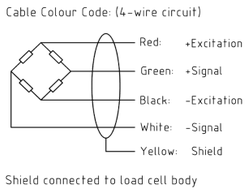


■ Dimensions









Rated Cap	D	H	H1	H2	L1	L2	L3	L4	W1	W2	W3	W4	M
t/mm													
0.5-10t	14.0	103.0	13.5	3.0	115.0	175.0	115.0	175.0	115.0	150.0	115.0	150.0	M16
15-30t	14.0	114.2	19.1	3.0	115.0	175.0	115.0	185.0	115.0	150.0	115.0	150.0	M16
50t	17.5	(140)	25.4	3.0	160.0	225.0	160.0	225.0	160.0	200.0	160.0	200.0	M20
100t	20.0	(170)	25.4	3.0	185.0	275.0	185.0	275.0	185.0	250.0	185.0	250.0	M24

DAYSENSOR

Weigh Modul Parameter Specifications

WM(A/S)-DYLF-103S1

Parameter		Units	Specifications	
Model No.			WM(A/S)-DYLF-103S1	
Module material			SS304 / Alloy steel nickel plated	
Sensor model			DYLF-103S1	
Rated capacity (E_{max})		kg	0.5 / 1 / 2.5 / 5 / 10 /	15 / 20 / 30 / 50 / 100
Accuracy class[1)2)]			C3	0.03%
Rated output		mV/V	2.0 ± 0.004	
Zero balance		% of E_{max}	±1	
Repeatability error		% of AL[3)]	< ± 0.010	< ± 0.020
Creep; 30 minute		% of AL	< ± 0.017	< ± 0.020
Min. dead load output return (DR); 30 min		% of AL	< ± 0.017	< ± 0.020
Temp. effect on	Min. dead load output	% of E_{max}/℃	< ± 0.0014	< ± 0.002
	Rated output [2)]	% of AL/℃	< ± 0.0012	< ± 0.002
Temperature range	Compensated	℃(°F)	-10 to + 40 [+ 14 to +104]	
	Operating		-40 to + 65 [- 40 to +149]	
	Safe storage		-40 to + 80 [- 40 to +176]	
Excitation voltage	Recommended	V AC/DC	5 ~ 15	
	Maximum		20	
Terminal resistance	Excitation	Ω	766 ± 5	
	Output		700 ± 3	
Insulation resistance @50VDC		MΩ	> 5000	
Breakdown voltage		V AC	> 500	
Seal type / IP rating			Hermetically welded / IP68 IP69k	
Load limit	Safe	% of E_{max}	150	
	Ultimate		300	
Cable length		m	0.5-10t	15-100t
			6.0	12.0

Notes:

1) 비선형성과 히스테리시스의 복합 효과로 인한 오차
2) 출력에 대한 온도 영향으로 인한 오차의 합은 OIML R60 및 NIST HB44요구 사항을 준수합니다.
3) AL = 적용 부하