



**30 YEARS  
YOUNG**  
1982.2012

**30@30**  
30 new products  
for our 30 years

**January**



**RD1A**  
New generation RD1  
integrated positioning  
unit with Profibus,  
CANopen and Modbus RTU  
interfaces



**SFP**  
Miniature wire-  
potentiometer, robust  
construction, up to 2000  
mm stroke

**February**



**SFE**  
Miniature wire-encoder,  
universal output circuit, up  
to 2000 mm stroke



**XAC**  
Heavy-duty fieldbus  
encoder with Profibus  
and CANopen interfaces  
for steel mills, mobile  
equipment, construction  
machinery



**SMEx2**  
New magnetic sensors,  
with integrated limit  
switches & reference

**March**



**M12 connections**  
M12 connections available  
on ES58, EM58, HS58,  
HM58 encoders



**CK41**  
Blind hollow shaft Ø6 mm,  
flexible fixing plate



**AS36**  
Absolute singleturn  
encoder, only 36 mm  
Ø housing, up to 19 bit  
resolution

**April**



**RD12A**  
New generation RD12  
positioning unit with  
integrated motor brake.  
Profibus, CANopen and  
Modbus RTU interfaces



**LD300**  
Incremental multi-  
function displays. Position,  
event counter, frequency  
counter, RPM, speed rate



**Modbus RTU  
interface**  
New Modbus RTU interface  
for RD units, parameter  
setup via USB connection  
to PC

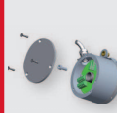
**May**



**LD250**  
Absolute multi-function  
displays. Position, event  
counter, frequency  
counter, RPM, speed rate.



**IF20**  
Signal converter for  
incremental encoders.  
ABO /ABO Line Driver to  
Push-Pull converter



**C100**  
Heavy-duty encoder with  
terminal block connections  
& power output circuit for  
long distance transmission  
(up to 300 m)

**June**



**HM58 P**  
Absolute programmable  
encoder, fully  
programmable SSI and Bit  
parallel interface



**SFA**  
Draw-wire unit for  
absolute encoders, 5000  
and 6800 mm stroke.  
Suitable for all EMC58,  
HMC58, AMC58 encoder  
series



**CB61**  
Feedback encoder  
for gearless elevator  
motors. Increased signal  
performance

**July**



**EM58A**  
Fully programmable  
encoder, 12 + 14 bit  
resolution with analogue  
output



**IF10**  
Incremental encoder signal  
splitter.  
ABO > ABO + ABO

**August**



**IF51**  
Absolute conversion  
interface.  
SSI (6-25 bit) > ±10V,  
0/4-20mA



**IF52**  
Absolute conversion  
interface. SSI (BCD, Gray,  
Binary) > Bit parallel  
(Push-Pull)



**AS58/AM58 A**  
New generation AS/AM58 A  
analogue encoders series,  
more multiturn versions  
available.  
Reduced dimensions

**September**



**IF50**  
Incremental counter  
> Analogue or RS232  
conversion interface



**IP58**  
Programmable incremental  
encoder with resolution up  
to 65536 PPR.  
All I58 & CK58 mechanical  
interfaces available

**October**



**IF30**  
External sin/cos encoder  
interpolator up to 400kHz  
input frequency.  
LD ABO /ABO + PP ABO  
outputs



**ES/EM**  
ES58/EM58 series with  
Modbus RTU (RS485)  
interface with resolution  
13 bit singleturn and 25  
bit multiturn

**November**



**IF60**  
Fibre optic transmission  
modules. Incremental or  
absolute encoder version.  
Long transmission distance  
up to 1500m

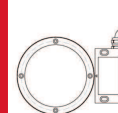


**Stainless steel  
encoder**  
Industrial, fieldbus &  
miniature version available  
in stainless steel for food  
industry



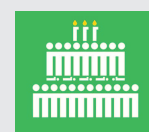
**AM36**  
Absolute multiturn  
encoder, 36 mm diameter,  
up to 19 x 12 bit resolution

**December**



**SMRA + MRA**  
Absolute magnetic ring  
encoder with hollow shaft  
up to Ø120 mm.  
SSI >16 bit resolution

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Follow us on...

